First Quarter 2007

Groundwater Monitoring Report

Former Weber Aircraft Facility

Burbank, California

Burns & McDonnell
SINCE 1898

First Quarter 2007

Groundwater Monitoring Report

Former Weber Aircraft Facility

Burbank, California

Prepared for

P. H. Burbank Holdings, Inc.

Project No. 40641

March 2007

Burns & McDonnell Engineering Co., Inc.
393 E. Grand Ave., Ste. J
South San Francisco, CA 94080

Signature Page

Simon Barber
Project Geologist

Gary P. Messerotes, PG
Senior Project Manager

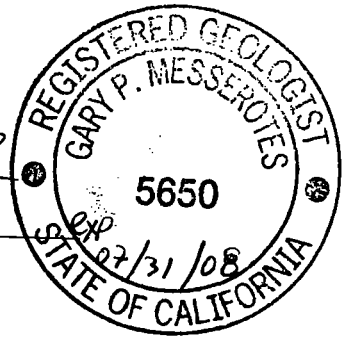


TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

LIST OF APPENDICES

1.0 INTRODUCTION

This groundwater monitoring report for the former Weber Aircraft Facility (Site) is being submitted in response to correspondence from the California Regional Water Quality Control Board – Los Angeles Region (Water Board) requesting the initiation of a quarterly monitoring program to determine if volatile organic compounds (VOCs), heavy metals, and or emerging chemicals are present at the Site. P.H. Burbank Holdings, Inc., has contracted for environmental consulting services with Burns & McDonnell Engineering Company, Inc. (Burns & McDonnell) to perform this scope of work.

2.0 BACKGROUND

The Site is located at 2820 North Ontario Street (Parcel 1) and 300 San Fernando Boulevard (Parcel 3), in Burbank, California (Figure 1). The Site is bounded on the southwest by the former Kahr Bearing Facility and San Fernando Boulevard, on the west by North Ontario Street, a building to the north, the Golden State Freeway (I-5) along the northeast, and the Stainless Steel Products Inc. (SSP) facility to the southeast.

The Site has been in the process of re-development for several years. Currently two office buildings, parking and driveways, and landscaping cover Parcel 1, along North Ontario Street. The remainder of Parcel 1 contains parking and driveways for future development and unimproved ground in non-asphalt covered areas. Parcel 3 is covered by asphalt and is currently used as a parking lot. Site development activities have been reinitiated during the Second and Third Quarters of 2006 with building pads and footings being constructed. Construction of two office buildings commenced during the Fourth Quarter 2006 and is continuing through the First Quarter 2007.

The former Weber Aircraft (Weber) Facility was part of an industrialized complex located northeast of the Bob Hope (Burbank) Airport. Weber initially leased the facility from Lockheed Aircraft (Lockheed), and sometime during the early 1960s, purchased the

facility from Lockheed. Prior to Lockheed's ownership, the facility was owned by the Ginsburg Brothers, who operated a distillery at the Site. Weber manufactured aircraft parts and galley assemblies at the Site from the early 1950s until termination of facility operations in 1989. Manufacturing operations conducted by Weber included metal plating, machining, painting, degreasing, and panel assembly work. The facility was decommissioned and demolished in 1992.

2.1 Previous Environmental Activities

Several phases of subsurface investigations have been conducted at the Site since 1988. The investigations consisted of soil gas surveys, soil drilling and sampling and groundwater monitoring. At least 9 soil investigations have been performed between 1988 and 1997, with a focus on investigating areas within the facility where regulated compounds were suspected of being used, around the location of chemical storage areas, in order to delineate releases to soil as identified from earlier investigations, and other areas of environmental concern.

Investigations conducted to date have identified the following chemicals of concern (COC): primarily volatile organic compounds (VOCs), including cis-1,2-dichloroethene (cis-1,2-DCE), 1,1-dichloroethene (1,1-DCE), 1,1,1-trichloroethane (TCA), trichloroethene (TCE) and tetrachloroethene (PCE); aromatic hydrocarbons and total petroleum hydrocarbons (TPH); and metals (cadmium, chromium, copper, nickel, zinc and lead).

Soil gas investigations installed a total of 315 soil probes and analyzed the collected soil gas samples for VOCs. Eleven potentially impacted soil areas (designated ISA1 through ISA11) were identified across the Site. Five of the ISAs (ISA5, 6, 7, 9 and 10) were identified with VOCs in soil samples above a response level of ten times the maximum contaminant level (MCL) or action level for drinking water.

A total of 110 soil borings have been drilled and sampled at the Site to investigate the vertical and lateral extent of contaminants in the subsurface. The majority of samples

that contained detectable concentrations of the COCs were collected from depths of 50 feet below ground surface (bgs) or less. Six samples, collected at 70, 75, 80, 100, and 140 feet bgs contained detectable concentrations of PCE, TCA, and or TCE.

Five groundwater monitoring wells were installed in 1991 and were restored to operational condition in 2004. Historical depths to groundwater beneath the Site ranged between 186.9 feet bgs (measured on January 30, 1996 in well SW-4) to 244.5 feet bgs (measured on December 20, 2004 in well SW-3). The wells have been monitored periodically over the years, but not on a consistent schedule until 2006. Historical groundwater levels are presented in Table 1.

Site remediation activities have consisted of source removal, excavation and removal of VOC and metals-impacted soil, and soil vapor extraction of VOCs. Several areas of shallow soil impacted with VOCs and metals were excavated and the impacted soil removed from the Site. Soil impacted with metals above response levels were excavated from ISA1, ISA2, and ISA4. Shallow soil impacted with metals and VOCs was also removed from ISA7. Source removal included the abandonment of underground storage tanks and demolition of all facility structures on the Site. In conjunction with demolition, limited soil excavation was also performed in 1992.

Vapor wells were installed in five VOC-impacted ISAs from 1991 through 1994 as part of the soil vapor extraction (SVE) system. The SVE system consisted of six vapor extraction wells (V-2 through V-7), four vapor monitoring wells (VM-1 through VM-4) and nine "vapor break" wells (VBW-1 through VBW-9). The vapor extraction wells were screened from 10-30, 50-70, and 80-100 feet bgs. Vapor monitoring wells were installed to monitor soil gas in areas immediately adjacent to, and at some distance from, the extraction wells. Vacuum break wells were installed to monitor the potential for migration of adjacent VOC plumes from the Kahr Bearing and Stainless Steel Products sites toward the SVE system. The SVE system was operated from May 1996 through

January 1997. Soil vapor rebound testing was conducted in October 1997 to document post soil vapor extraction conditions at the Site.

During November 2006 through January 2007, Burns & McDonnell advanced 15 borings ranging in depths from approximately 200 feet bgs to 270 feet bgs. Soil samples were collected at predetermined intervals by the Water Board. Monitoring well SW-4 was decommissioned and replaced by monitoring well MW-4A. Two new groundwater monitoring wells, designated MW-6 and MW-7, were installed to depths of 270 feet bgs. Groundwater samples collected from MW-4A, MW-6 and MW-7 are included in the *First Quarter 2007 Groundwater Monitoring Report.* In addition, 45 soil vapor probes were installed at depths ranging from 35 feet bgs to 200 feet bgs. Details of the additional Site Investigation will be discussed in the forthcoming *Site Investigation Report April 2007.*

3.0 GEOLOGY/HYDROGEOLOGY

3.1 Regional Hydrogeology

The Site is located in the San Fernando groundwater basin. The basin is bounded on the east and north by the San Rafael Hills and Verdugo Mountains, on the north by the San Gabriel Mountains, and on the south by the Santa Monica Mountains. A concrete-lined channel, which originates in the Hanson-La Tuna Canyon area, a tributary to the Los Angeles River, is located approximately 1,100 feet to the southwest. Sediments of Recent and older alluvium underlie the Site, and are composed primarily of sands and gravels derived from igneous and metamorphic rocks eroded from the San Gabriel and Verdugo Mountains.

3.2 Topography and Surface Drainage

The Site is situated on a broad gentle alluvial pediment that slopes generally to the southwest at less than one percent. Regional surface runoff flows to the west and southwest by streets and gutters, storm drains, and some local natural drainage channels.

Site specific surface runoff from Parcel 1 flows to the southeast, discharging through the adjacent property.

3.3 Site Specific Hydrogeology

Based on the drilling and geophysical logs of previous investigations, the Site appears to be underlain by medium dense to dense sand, gravelly sand, and gravels to depths of at least 270 feet bgs. A hard gravel layer is present at a depth of approximately 75 feet bgs, and may represent a zone coincident with the highest groundwater elevation recorded in the area, measured at 72 feet bgs in 1944 (Woodward-Cylde Consultants, 1993, *Drilling at Impacted Soil Areas, Former Weber Aircraft Facility, Burbank, California,: Volume I: August, Final Report*). Other gravel/cobble horizons occur at approximately 140 feet, 160 feet, and 245 to 250 feet bgs. These bedded gravels appear to be laterally discontinuous, and can sometimes be correlated between adjacent borings.

The gravelly sands and cobble horizons typically form interbedded sequences, becoming coarser with increasing depth, and are occasionally separated by laterally extensive or discontinuous rare clays, sandy-silts, silty-sands and silts. The depositional environment for sediments at the Site is a coalescing alluvial fan environment. These observations are consistent with published geologic mapping by the USGS.

3.4 Site Conditions

The following is a brief summary of the groundwater conditions beneath, and in the immediate area of, the Site. Information presented here was summarized from previous reports submitted to the Water Board, and included water elevation and contaminant concentration data from Lockheed wells along San Fernando Boulevard and Ocean Technology, Inc. (OTI), SSP, and Weber wells. The previous reports indicated the following:

- The groundwater gradient in the region surrounding the Site has historically been generally to the south- due to extensive pumping by Lockheed, combined with water extractions from North Hollywood, Mission, and Erwin Well Fields. This

historical pumping created a cone of depression in the area south and west of the Burbank Airport (WCC, 1991).

- The groundwater gradient in the vicinity of the Site is reflective of the regional gradient; with the gradient to the immediate east of the Site sloping to the south-southwest and the gradient beneath the Site sloping to the south (WCC, 1991).

- Possible offsite source areas of COCs detected in Well SW-4 may be located to the north-northeast of Well SW-4 (WCC, 1991).

- Possible offsite source areas of COCs detected in Well SW-5 may be located to the north-northeast of Well SW-4 (WCC, 1991).

- Evaluation of soil and groundwater data from Lockheed, OTI, SSP and Weber files indicated the presence of significant releases of PCE and TCE from upgradient facilities, not inclusive of the Site (WCC, 1991).

- The PCE plume is centered on the location of the former SSP solvent landfarming area and is elongated in a north-south direction (WCC, 1991). Soil borehole sample data collected by SSP confirmed PCE in soil at depth at concentrations of 13,000 micrograms per kilograms (µg/Kg) beneath the former landfarm area (A.L. Burke Engineers, Inc. 1989. *Phase III Site Investigation – Stainless Steel Products Corporation – Burbank, California, August 1989*).

- The area wide TCE plume is centered on OTI and is elongated in a north-south direction, WCC, 1991).

4.0 GROUNDWATER SAMPLING ACTIVITIES

The quarterly groundwater monitoring and well sampling program was reinitiated in January 2006. Monitoring well SW-4 was decommissioned and replaced by monitoring well MW-4A. Two new groundwater monitoring wells, designated MW-6 and MW-7, were installed to depths of 270 feet bgs.

4.1 Well Gauging Procedures

On February 20, 2007, static groundwater level measurements were obtained at 7 monitoring wells (SW-1, SW-2, SW-3, MW-4A, SW-5, MW-6 and MW-7). Prior to obtaining groundwater level measurements, the well caps from each wellhead were removed in order for the water levels to reach static equilibrium. For each well, the depth to groundwater was measured from a surveyed reference point at the top of the well casing using an electronic interface probe. Measurements were recorded to the nearest 0.01 feet. Prior to measuring groundwater levels in the monitoring wells, the measuring tape of the interface probe was washed in an Alconox/water solution and rinsed with deionized water. Groundwater level measurements were recorded on the Groundwater Sampling Forms, which are provided in Appendix A.

4.2 Well Purging Procedures

Prior to groundwater purging, the volume of water inside monitoring wells SW-1, SW-2 SW-3 and SW-5 was calculated using the groundwater level measurements and measured well depths. For purging procedures at Wells MW-4A, MW-6 and MW-7, see *Section 4.5 Well Development and Sampling.* The monitoring wells were purged using a 3-inch submersible pump operated by BC^2 Environmental Corporation. During purging, water quality parameters (including pH, electrical conductivity, turbidity, dissolved oxygen and temperature) were monitored and recorded on the Groundwater Sampling Forms (Appendix A). Water quality parameters were measured until a minimum of three well volumes were removed. Once the well volumes were purged and the water quality parameters had stabilized to within plus or minus 10 percent, samples were collected. The data was recorded on the Groundwater Sampling Forms.

4.3 Purge Water Disposal

Purged groundwater was collected in a 300-gallon tank and transferred into 55-gallon drums, which were then labeled, sealed, and stored onsite (in the northeast corner of the Site, near Well SVP-1) to await transportation and disposal at an appropriate facility.

4.4 Groundwater Sampling

Groundwater samples were collected at SW-1, SW-2, SW-3 and SW-5 using disposable polyethylene bailers and a representative aliquot was then dispensed into laboratory-supplied sample containers. The sample containers were labeled and placed on crushed ice inside an insulated ice chest for transport to the analytical laboratory. Chain-of-Custody documentation was prepared and accompanied the samples to the analytical laboratory.

Field measurements and observations noted during sampling were recorded on the Groundwater Sampling Forms (Appendix A).

4.5 Well Development & Sampling

On February 20th and 21st, newly installed groundwater monitoring Wells MW-6, MW-7 and MW-4A were developed and sampled by Blaine Tech Services Inc. Wells MW-6 and MW-7 were developed using a 2-inch submersible pump attached to new, disposable polyethylene tubing. The pump was set at the bottom of each well casing. Both wells are slightly bent at approximately 210-220 feet bgs. Standard surge and bail techniques were not possible at these locations. Well MW-4A was developed with a combination of a Waterra Power Pump and a peristaltic pump. Well MW-4A is also slightly bent at approximately 210-220 feet bgs. A Myron Ultrameter L was employed to measure groundwater parameters (pH, electrical conductivity, turbidity and temperature). Wells were continuously purged until a minimum of 10 casing volumes had been removed and field parameters had stabilized to within +/- 10 percent. Well development water was collected in the development vehicle storage tank and then transferred into 55-gallon drums, which were then labeled, sealed, and stored onsite (in the northeast corner of the Site, near Well SVP-1) to await transportation and disposal at an appropriate facility.

Wells MW-6, MW-7 and MW-4A were sampled after field parameters had stabilized to within +/- 10 percent. Samples were submitted under Chain-of-Custody documentation to the analytical laboratory. The Well Development / Well Monitoring forms are included in Appendix A.

4.6 Quality Control Sampling

A rinsate sample, designated Rinsate-1, was collected as a quality assurance / quality control sample (QA/QC). The rinsate sample was obtained after sampling and decontaminating at Well MW-6, and prior to purging and sampling at Well MW-7. The rinsate sample was submitted for analysis of dioxins/furans (Method DLM02.0). Trip blanks accompanied groundwater samples on each day of the sampling event. Trip blanks were analyzed for VOCs and 1,2,3-Trichloropropane (1,2,3-TCP).

5.0 GROUNDWATER FLOW CONDITIONS

Wells SW-1 through SW-5 were resurveyed on March 21, 2006; newly installed groundwater monitoring wells MW-4A, MW-6 and MW-7 were surveyed on March 2, 2007 for easting, northing and elevation. These two data sets were utilized in evaluating groundwater flow conditions for this monitoring event. Groundwater level measurement data was used to assess the flow direction and gradient for the monitoring wells, screened from 190 feet bgs to 272 feet bgs at the Site. Groundwater elevation data is presented in Table 1. Groundwater elevation contours (as measured on February 20, 2007), flow direction and gradient are presented on Figure 2.

During the February monitoring event, the depth to groundwater ranged between 218.49 feet to 226.76 feet below the top of casing (TOC). Groundwater elevations ranged from 472.28 feet (SW-5) as referenced to mean sea level (msl) to 485.04 feet (SW-1, offsite and upgradient) msl, showing a difference in elevation of 12.76 feet across the Site.

Groundwater flow direction during this event continued to be toward the south, at an average gradient of 0.006 feet per foot (ft/ft).

6.0 ANALYTICAL RESULTS

The following discussion of analytical results focuses on those constituents which were detected at concentrations in excess of the laboratory reporting limits and had no quality control qualifiers flagged by the analytical laboratory. In order to see those results that had a qualifier flagged by the analytical laboratory, see the corresponding tables in this report, the Certified Laboratory Reports presented in Appendix B, and Burns & McDonnell's QA/QC Review of Analytical Data presented in Appendix C.

The following list of analyses was requested on groundwater samples collected for this sampling event:

- VOCs (EPA 8260B)
- 1,4-Dioxane (EPA 8270C)
- Title 22/CAM 17 Metals (EPA 6010B/7470A)
- Hexavalent Chromium (EPA 7199)
- Anions (NO_2, NO_3, SO_4, Cl) (EPA 300.0) °
- Perchlorate (EPA 314.0)
- Dissolved Oxygen (EPA 360.1)
- Sulfide (EPA 9034)
- 1, 2, 3-Trichloropropane (EPA 524 SIM)
- N-Nitrosodimethylamine (NDMA) (EPA 1625C-CI Mod)
- Cations (EPA 6010)
- Dissolved Iron & Manganese (EPA 6010B-Diss)
- Dioxins/Furans (Method DLM02.0)

6.1 Title 22 Metals

Seven groundwater samples were analyzed for Title 22/CAM 17 Metals (6010B/7470A) during the January / February 2007 sampling event. Analytical results are presented in Table 2; Certified Analytical Reports and Chains of Custody documentation are presented in Appendix B. The following is a listing of the metals results:

TABLES

TABLE 1
CUMULATIVE GROUNDWATER ELEVATIONS DATA
Former Weber Aircraft Facility
Burbank, California

Well Identification	Date of Measurement	Screened[3] Interval (ft. bgs)	Blank Casing Interval	Depth to Water Below TOC (ft.)	Top of Casing Elevation (ft.msl)[1]	Ground Surface[5] Elevation (ft.msl)[2]	Groundwater Elevation (ft.msl)[2]
SW-2	3/19/91	190-245	220-225	224.05	702.49	702.43	478.44
	4/15/91	190-245	220-225	223.70	702.49	702.43	478.79
	5/10/91	190-245	220-225	223.95	702.49	702.43	478.54
	6/14/91	190-245	220-225	224.40	702.49	702.43	478.09
	7/15/91	190-245	220-225	224.86	702.49	702.43	477.63
	8/15/91	190-245	220-225	225.45	702.49	702.43	477.04
	9/17/91	190-245	220-225	225.88	702.49	702.43	476.61
	11/18/91	190-245	220-225	227.02	702.49	702.43	475.47
	12/12/91	190-245	220-225	227.60	702.49	702.43	474.89
	1/17/92	190-245	220-225	227.57	702.49	702.43	474.92
	4/14/92	190-245	220-225	228.34	702.49	702.43	474.15
	5/15/92	190-245	220-225	228.27	702.49	702.43	474.22
	6/16/92	190-245	220-225	228.52	702.49	702.43	473.97
	7/8/92	190-245	220-225	228.86	702.49	702.43	473.63
	8/19/92	190-245	220-225	228.43	702.49	702.43	474.06
	9/17/92	190-245	220-225	228.63	702.49	702.43	473.86
	10/27/92	190-245	220-225	229.10	702.49	702.43	473.39
	11/19/92	190-245	220-225	229.01	702.49	702.43	473.48
	12/18/92	190-245	220-225	228.78	702.49	702.43	473.71
	1/15/93	190-245	220-225	228.75	702.49	702.43	473.74
	2/19/93	190-245	220-225	228.02	702.49	702.43	474.47
	3/10/93	190-245	220-225	227.86	702.49	702.43	474.63
	4/14/93	190-245	220-225	226.80	702.49	702.43	475.69
	5/18/93	190-245	220-225	225.31	702.49	702.43	477.18
	6/15/93	190-245	220-225	223.70	702.49	702.43	478.79
	7/14/93	190-245	220-225	222.04	702.49	702.43	480.45
	8/24/93	190-245	220-225	219.44	702.49	702.43	483.05
	9/14/93	190-245	220-225	218.74	702.49	702.43	483.75
	10/25/93	190-245	220-225	216.74	702.49	702.43	485.75
	11/15/93	190-245	220-225	215.89	702.49	702.43	486.60
	12/20/93	190-245	220-225	213.95	702.49	702.43	488.54
	1/8/94	190-245	220-225	212.68	702.49	702.43	489.81
	2/27/94	190-245	220-225	210.48	702.49	702.43	492.01
	3/16/94	190-245	220-225	209.57	702.49	702.43	492.92
	4/27/94	190-245	220-225	208.02	702.49	702.43	494.47
	5/19/94	190-245	220-225	207.18	702.49	702.43	495.31
	6/16/94	190-245	220-225	205.96	702.49	702.43	496.53
	7/20/94	190-245	220-225	204.85	702.49	702.43	497.64
	8/30/94	190-245	220-225	204.03	702.49	702.43	498.46
	9/15/94	190-245	220-225	203.60	702.49	702.43	498.89
	10/17/94	190-245	220-225	203.82	702.49	702.43	498.67
	11/14/94	190-245	220-225	204.02	702.49	702.43	498.47
	12/21/94	190-245	220-225	204.27	702.49	702.43	498.22
	1/26/95	190-245	220-225	204.65	702.49	702.43	497.84
	2/23/95	190-245	220-225	204.89	702.49	702.43	497.60
	4/19/95	190-245	220-225	205.24	702.49	702.43	497.25
	5/11/95	190-245	220-225	205.30	702.49	702.43	497.19
	6/17/95	190-245	220-225	204.85	702.49	702.43	497.64
	7/10/95	190-245	220-225	204.29	702.49	702.43	498.20
	8/24/95	190-245	220-225	203.11	702.49	702.43	499.38
	9/12/95	190-245	220-225	203.25	702.49	702.43	499.24
	10/11/95	190-245	220-225	202.69	702.49	702.43	499.80
	11/17/95	190-245	220-225	201.95	702.49	702.43	500.54
	1/3/96	190-245	220-225	200.90	702.49	702.43	501.59
	1/29/96	190-245	220-225	200.48	702.49	702.43	502.01
	2/22/96	190-245	220-225	200.72	702.49	702.43	501.77
	4/23/96	190-245	220-225	200.51	702.49	702.43	501.98
	5/22/96	190-245	220-225	200.86	702.49	702.43	501.63
	6/18/96	190-245	220-225	201.33	702.49	702.43	501.16
	7/21/96	190-245	220-225	202.09	702.49	702.43	500.40
	8/18/96	190-245	220-225	202.80	702.49	702.43	499.69
	9/25/96	190-245	220-225	203.67	702.49	702.43	498.82
	10/25/96	190-245	220-225	204.27	702.49	702.43	498.22
	1/26/96	190-245	220-225	204.83	702.49	702.43	497.66
	12/29/96	190-245	220-225	205.76	702.49	702.43	496.73
	1/30/97	190-245	220-225	206.70	702.49	702.43	495.79
	2/25/97	190-245	220-225	207.27	702.49	702.43	495.22
	3/31/97	190-245	220-225	208.15	702.49	702.43	494.34
	4/24/97	190-245	220-225	208.47	702.49	702.43	494.02
	5/30/97	190-245	220-225	209.67	702.49	702.43	492.82
	6/24/97	190-245	220-225	210.53	702.49	702.43	491.96
	6/15/97	190-245	220-225	211.24	702.49	702.43	491.25
	8/29/97	190-245	220-225	213.11	702.49	702.43	489.38
	9/26/97	190-245	220-225	214.46	702.49	702.43	488.03
	10/23/97	190-245	220-225	215.25	702.49	702.43	487.24
	11/11/97	190-245	220-225	207.41	702.49	702.43	495.08
	10/12/97	190-245	220-225	208.57	702.49	702.43	493.92
	1/28/98	190-245	220-225	208.59	702.49	702.43	493.90
	2/3/98	190-245	220-225	208.18	702.49	702.43	494.31
	4/28/98	190-245	220-225	208.28	702.49	702.43	494.21
	5/29/98	190-245	220-225	207.96	702.49	702.43	494.53
	6/12/98	190-245	220-225	207.65	702.49	702.43	494.84
	7/30/98	190-245	220-225	206.43	702.49	702.43	496.06
	9/4/98	190-245	220-225	205.97	702.49	702.43	496.52
	10/9/98	190-245	220-225	205.02	702.49	702.43	497.47
	11/25/98	190-245	220-225	205.10	702.49	702.43	497.39
	10/21/98	190-245	220-225	203.72	702.49	702.43	498.77
	1/20/99	190-245	220-225	203.14	702.49	702.43	499.35
	2/11/99	190-245	220-225	204.69	702.49	702.43	497.80
	3/12/99	190-245	220-225	203.59	702.49	702.43	498.90
	4/8/99	190-245	220-225	204.19	702.49	702.43	498.30
	5/20/99	190-245	220-225	204.37	702.49	702.43	498.12
	6/10/99	190-245	220-225	204.35	702.49	702.43	498.14
	7/27/99	190-245	220-225	208.00	702.49	702.43	494.49
	8/17/99	190-245	220-225	205.15	702.49	702.43	497.34
	9/16/99	190-245	220-225	210.79	702.49	702.43	491.70
	10/15/99	190-245	220-225	212.10	702.49	702.43	490.39
	11/12/99	190-245	220-225	215.00	702.49	702.43	487.49
	12/10/99	190-245	220-225	215.69	702.49	702.43	486.80
	1/27/00	190-245	220-225	217.98	702.49	702.43	484.51
	12/20/02	190-245	220-225	229.88	702.49	702.43	472.61
	12/20/04	190-245	220-225	240.00	702.49	702.43	462.49
	1/12/06	190-245	220-225	227.46	702.14	702.40	474.68
	4/26/06	190-245	220-225	224.15	702.14	702.40	477.99
	7/18/06	190-245	220-225	222.05	702.14	702.40	480.09
	10/17/06	190-245	220-225	221.42	702.14	702.40	480.72
	1/17/07	190-245	220-225	220.40	702.14	702.40	481.74
	2/20/07	190-245	220-225	219.50	702.14	702.40	482.64

TABLE 2
SUMMARY OF
Title 22/CAM 17 Metals, Hexavalent Chromium, Dissolved Metals and Mercury
First Quarter 2007
Former Weber Aircraft Facility
Burbank, California

Well ID	Date Sampled	Title 22/CAM 17 Metals (6010 B)																				6010B		7470A
		Ag	As	Ba	Be	Ca	Cd	Co	Cr	Cr 6+ (7199)	Cu	K	Mg	Mo	Na	Ni	Pb	Sb	Se	Tl	V	Zn	Fe dissolved	Mn dissolved	Hg
Analytical Reporting Units		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
California MCLs (µg/L)		100	50	1,000	4	No MCL	5	730***	50	50	1,300**	No MCL	No MCL	180***	No MCL	100	15*	6	50	2	36***	5,000	300	50	2
SW-1	21-Dec-04	NA	NA	NA	NA	NA	NA	NA	3****	1.4*****	4****	NA	NA	NA	NA	5****	<5****	NA	NA	NA	NA	114****	NA	NA	NA
	12-Jan-06	<10	<10	85	U	62,500	<5.0	<50	96	5.2	<25	3,000 B	15,600	17 B	99,300	8.7 B	3.1 B	<60	<5.0	<10	12 B	33	<100	4.2 B	<0.2
	26-Apr-06	<1.0	1.4 J	143 J	0.13 B,J	68,000 J	<1.0	8.5 J	174	5.9	33.8 J	2,890	16,300 J	8.9	92,400 J	67.0	57.1 J	<2.0	1.1 J	<1.0	30.5	206 J	<50	2.7	<0.2
	18-Jul-06	<10	9.9	200	<4.0	66,000	<5.0	13	1,600	5.5	72	5,800	20,000	37	100,000	140	55	<10	11	<10	67	280	<40	<20	<0.2
	17-Oct-06	<10	<10	85	<4.0	60,000	<5.0	<10	23	4.9	<10	2,800	15,000	<20	92,000	12	7.3	<10	<10	<10	16	13	<40	<20	<0.2
	17-Jan-07	<10	<10	100	<4.0	66,000	<5.0	<10	220	4.9	20	3,300	17,000	<20	100,000	25	20	<10	<10	<10	21	1,400	<40	20	<0.2
SW-2	20-Dec-04	NA	NA	NA	NA	NA	NA	NA	9****	6.7*****	4****	NA	NA	NA	NA	4****	<5****	NA	NA	NA	NA	93****	NA	NA	NA
	12-Jan-06	<10	9.8 B	88	U	67,500	<5.0	<50	14	12	<25	4,100 B	21,800	11 B	59,500	<40	<5.0	<0.060	<5.0	<10	8.4 B	11 B	<100	9.5 B	<0.2
	26-Apr-06	<1.0	1.1 J	88 J	<1.0	58,700 J	<1.0	1.0 J	26.5	12	3.4 J	4,320	22400 J	11.6	63000 J	6.2	6.9 J	0.23 B,J	1.1 J	<1.0	9.3	298 J	<50	7.6	<0.2
	19-Jul-06	<10	<5.0	96	<4.0	63,000	<5.0	<10	26	8.8	<10	4,700	22,000	<20	74,000	<10	5.8	<10	<10	<10	13	180	<40	<20	<0.2
	17-Oct-06	<10	<10	91	<4.0	63,000	<5.0	<10	14	10	<10	4,000	21,000	<20	60,000	<10	<5.0	<10	<10	<10	<10	49	<40	<20	<0.2
	17-Jan-07	<10	<10	220	<4.0	84,000	<5.0	15	130	10	35	7,200	30,000	<20	67,000	52	37	<10	<10	<10	42	260	<40	<20	<0.2
SW-3	21-Dec-04	NA	NA	NA	NA	NA	NA	NA	<10****	0.4*****	4****	NA	NA	NA	NA	43****	<5****	NA	NA	NA	NA	86****	NA	NA	NA
	13-Jan-06	<10	<10	120	U	87,600	<5.0	<50	78	80	<25	5,000	30,200	9.5 B	63,600	9.2 B	<5.0	<60	<5.0	<10	4.2 B	21	U*	7.2 B	<0.2
	26-Apr-06	<1.0	1.7 J	160 J	<1.0	87,100 J	<1.0	5.8 J	663	210	18.4 J	5,260	30,600 J	12.1	58,700 J	110	3.7 J	0.30 B,J	1.0 J	<1.0	8.0	419 J	28.0 B	23.3	<0.2
	18-Jul-06	<10	<5.0	140	<4.0	85,000	<5.0	<10	770	580	18	6,200	33,000	<20	56,000	62	6.6	<10	<10	<10	12	2,200	<40	27	<0.2
	17-Oct-06	<10	<10	140	<4.0	85,000	<5.0	<10	300	250	11	4,900	31,000	<20	49,000	48	<5.0	19	<10	<10	12	220	<40	<20	<0.2
	17-Jan-07	<10	<10	140	<4.0	87,000	<5.0	<10	640	210	13	5,700	33,000	<20	50,000	49	10	<10	<10	<10	12	1,100	<40	20	<0.2
SW-4[1]	21-Dec-04	NA	NA	NA	NA	NA	NA	NA	6****	2.2*****	5****	NA	NA	NA	NA	9****	<5****	NA	NA	NA	NA	75****	NA	NA	NA
	13-Jan-06	<10	<10	110	U	75,400	<5.0	<50	33	13	5.5 B	3,700 B	22,600	7.0 B	38,800	14 B	8.8	<60	<5.0	<10	9.5 B	99	<100	2.9 B	<0.2
	27-Apr-06	<1.0	1.1 J	140 J	<1.0	82,900 J	0.24 B	3.1 J	88.7	50	10.0 J	4,200	26,400 J	6.5	41,800 J	22.7	13.3 J	0.46 B,J	1.2 J	<1.0	11.1	346 J	25.0 B	4.2	NR
	19-Jul-06	<10	<5.0	120	<4.0	68,000	<5.0	<10	250	40	36	11,000	30,000	<20	59,000	79	28	<10	<10	<10	19	1,900	<40	<20	<0.2
	18-Oct-06	<10	<10	140	<4.0	91,000	<5.0	<10	100	240	<10	4,800	33,000	<20	52,000	54	<5.0	<10	<10	<10	<10	190	<40	<20	<0.2
MW-4A[1]	21-Feb-07	<10	<10	57	<4.0	88,000 B-1	<5.0	<10	8.4	5.7	<10	4,700	26,000	<20	49,000	<10	<5.0	<10	<10	<10	<10	<20	<40	56	<0.2
SW-5	20-Dec-04	NA	NA	NA	NA	NA	NA	NA	11****	9.6*****	3****	NA	NA	NA	NA	70****	4****	NA	NA	NA	NA	96****	NA	NA	NA
	13-Jan-06	<10	<10	140	U	88,500	<5.0	<50	7.6 B	4.6	<25	4,800 B	30,700	8.7 B	53,100	22 B	<5.0	<60	<5.0	<10	4.4 B	87	<100	17	<0.2
	27-Apr-06	<1.0	1.8 J	178 J	<1.0	94,100 J	<1.0	6.1 J	498	7.4	17.6 J	5,270	33,000 J	10.2	54,800 J	79.1	6.7 J	0.24 B,J	1.0 J	<1.0	9.0	386 J	<50.0	22.2	<0.2
	19-Jul-06	<10	6.2	120	<4.0	82,000	<5.0	<10	100	22	<10	5,700	33,000	<20	52,000	16	5.4	<10	<10	<10	<10	1,200	<40	<20	<0.2
	18-Oct-06	<10	<10	140	<4.0	92,000	<5.0	<10	12	12	<10	4,800	34,000	<20	52,000	33	<5.0	<10	<10	<10	<10	64	<40	23	<0.2
	17-Jan-07	<10	<10	170	<4.0	98,000	<5.0	<10	350	13	12	5,700	34,000	<20	54,000	50	8.2	<10	<10	<10	15	1,600	<40	69	<0.2
MW-6[2]	20-Feb-07	<10	<10	31	<4.0	66,000	<5.0	<10	<5.0	3.6	<10	4,800	20,000	<20	50,000	<10	<5	<10	<10	<10	<10	<20	<40	140	<0.2
MW-7[3]	21-Feb-07	<10	<10	48	<4.0	91,000	<5.0	<10	5.1	<2.0	<10	6,300	32,000	<20	58,000	<10	<5	<10	<10	<10	<10	<20	<40	180	<0.2

Notes:

Bold Results in excess of MCL are in bold. Analyses for the current quarter are italicized.

1 = MW-4A installed January 7, 2007. SW-4 Decommisioned January 2007.

2 = MW-6 installed December 2007

3 = MW-7 installed December 2007

NR = Not reported.

M = "CAL-Modified PRG"

NL = Not listed.

NA = Not analyzed.

NS = Not sampled

Methods and MCLs:

(7199) Analytical Method 7199

* = The lead action level is exceeded if the concentration of lead in more than 10 percent of tap water samples collected during any monitoring period conducted in accordance wi Article 6 is greater than 15 ug/L.

** = The copper action level is exceeded if the concentration of copper in more than 10 percent of tap water samples collected during any monitoring period conducted in accordance wi Article 6 is greater than 13 ug/L.

*** = No MCL listed, California Region 9 PRG (October 2004) value for tap water is reported.

**** = Test number 200.7 used for detection in 2004 Laboratory results.

***** = Test number 218.6 used for detection in 2004 Laboratory results.

Laboratory Qualifiers

B-1 = Analyte was detected in the associated method blank. Analyte concentraion in th sample is greater than 10x the concentration found in the method blank.

B = Estimated result. Result is less than reporting limit.

U = False positive and qualified as undetected due to blank contamination.

J = Estimated result. Samples run outside of 8-hour holding time.

TABLE 3
SUMMARY OF INORGANIC COMPOUNDS
1,4-Dioxane, NDMA, PERCHLORATE, SULFATE and CHLORIDE
First Quarter 2007
Former Weber Aircraft facility
Burbank, California

		360.1	300.0A					314.0	9030B/9034	8270 C (SIM)	1625 M
Well ID	Date Sampled	Dissolved Oxygen	Chloride	Nitrite as (N)	Nitrate as (N)	Nitrate as (NO3)*	Sulfate	Perchlorate	Sulfides (total)	1,4 - Dioxane	NDMA
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
California MCL (µg/L)		No MCL	250,000	1,000.0	10,000 (USEPA)	45,000	250,000	3.6 µg/L	No MCL	6.1 µg/L	0.0013 µg/L
SW-1	21 Dec 04	NA	NA	NA	NA	NA	NA	<4.0	NA	<2	NA
	12-Jan-06	8,100	49,100	<500 G	8,000	35,432	77,800	2.9 B	<4,000	<0.95	<0.002
	26-Apr-06	8,400 J	54,100	<100	8,300	36,761	85,700	2.7 B	<4,000	<1.0	<0.002
	18-Jul-06	4,800 J	52,000	<750 RL-1	7,800	34,546	80,000	<4.0	<1,000	<0.47	<0.0020
	17-Oct-06	5,000	51,000	<150	8,400	37,204	76,000	<4.0	<1,000	<0.50	<0.0020
	17-Jan-07	*4,400*	*51,000*	*<150*	*8,500*	*37,647*	*77,000*	*<4.0*	*<1,000*	*2.9*	*<0.0020*
SW-2	20-Dec-04	NA	NA	NA	NA	NA	NA	<4.0	NA	<2	NA
	12-Jan-06	6,900	43,800	<500 G	8,400	37,204	75,700	2.6 B	3,400 B	<0.95	<0.002
	26-Apr-06	7,400 J	40,300	<1,000	9,000	39,861	73,500	2.5 B	<4,000	<0.96	<0.002
	19-Jul-06	5,200 J	42,000	<150	7,000	31,003	74,000	<4.0	<1,000	<0.48	**0.0028**
	17-Oct-06	4,600	43,000	<150	8,100	35,875	78,000	<4.0	<1,000	<0.48	<0.0019
	17-Jan-07	*4,700*	*44,000*	*<150*	*7,400*	*32,775*	*76,000*	*<4.0*	*<1,000*	*<0.47*	*<0.0019*
SW-3	21-Dec-04	NA	NA	NA	NA	NA	NA	**236**	NA	<2	NA
	13-Jan-06	7,400	52,500	<500 G	**11,000**	**48,719**	81,000	2.3 B	<4,000	**6.8**	<0.002
	26-Apr-06	7,500	50,600	<100	**10,800**	**47,833**	83,800	**4.1**	<4,000	<1.0	<0.002
	18-Jul-06	5,100 J	45,000	<150	**12,000**	**53,148**	86,000	<4.0	<1,000	0.5	<0.0019
	17-Oct-06	5,100	45,000	<150	**15,000**	**66,435**	81,000	<4.0	<1,000	0.58	<0.0019
	17-Jan-07	*5,600*	*49,000*	*<150*	*13,000*	*57,577*	*81,000*	*<4.0*	*<1,000*	*0.71*	*<0.0019*
SW-4[2]	21-Dec-04	NA	NA	NA	NA	NA	NA	<4.0	NA	**14**	NA
	13-Jan-06	6,700	43,000	<500 G	8,600	38,089	79,100	<4.0	<4,000	<0.95	<0.002
	27-Apr-06	7,000	37,600	<100	**16,600**	**73,521**	68,700	2.0 B	<4,000	**110**	<0.002
	19-Jul-06	3,300 J	35,000	<150	**16,000**	**70,864**	58,000	<4.0	<1,000	**150**	<0.0019
	18-Oct-06	4,600	32,000	<750	**20,000**	**88,580**	62,000	<4.0	<1,000	**350**	<0.0019
MW-4A[1]	21-Feb-07	*4,300 HFT*	*55,000*	*<150*	*9,300*	*41,190*	*110,000*	*<4.0*	*<1,000*	*<0.5*	*<0.0020 A-01*
SW-5	20-Dec-04	NA	NA	NA	NA	NA	NA	<4.0	NA	3.2	NA
	13-Jan-06	7,500	47,400	<500 G	9,700	42,961	89,600	<4.0	<4,000	<0.95	<0.002
	27-Apr-06	9,400 J	50,300	<100	**10,100**	44,733	95,400	<4.0	<4,000	4.7	<0.002
	19-Jul-06	3,600 J	46,000	<150	9,400	41,633	86,000	<4.0	<1,000	**27**	<0.0019
	18-Oct-06	4,900	32,000	<150	**20,000**	**88,580**	62,000	<4.0	<1,000	**290**	<0.0019
	17-Jan-07	*5,400*	*49,000*	*<150*	***11,000***	***48,719***	*89,000*	*<4.0*	*<1,000*	***650 Z3***	*<0.0019*
MW-6[3]	20-Feb-07	*3,700*	*42,000*	*160*	*7,300*	*32,332*	*87,000*	*<4.0*	*<1,000*	*<0.51 RL4*	*<0.0020*
MW-7[4]	21-Feb-07	*3,700 HFT*	*53,000*	*<150*	*8,000*	*35,432*	*82,000*	*<4.0*	*<1,000*	*<0.5*	*0.0022*

Notes:

Results in excess of MCL are in bold. Analyses for the current quarter are italicized.

B =	Estimated result. Result is less than reporting limit.
G =	Elevated reporting limit. The reporting limit is elevated due to matrix interference.
NS =	Not sampled
NL =	Not listed
NA =	Not analyzed
NDMA =	N-Nitrosodimethylamine
* =	Nitrate as NO3 Converted from Nitrate as (N). (Nitrate as (N) µg/L) x 4.429 = Nitrate as NO3 µg/L
1 =	MW-4A installed January 7, 2007
2=	SW-4 Decomissioned Jaunary 2007
3 =	MW-6 installed December 2007
4 =	MW-7 installed December 2007

Laboratory Qualifiers:

HFT =	The holding time for tis test is immediate. It was analyzed in the laboratory as soon as possible after reciept.
A-01 =	Batch had acceptable BS recoveries. Internal Standard for BSD was most likley double-spiked which made NDMA recovery appear to be low. BSD recovery seemed to be isolated incident and should not affect sample results.
RL-1 =	reporting limit raised due to sample matrix effects
RL-4 =	Reporting limit raised due to insufficient sample volume.
Z3 =	The sample required a dilultion due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentrationin the sample was reduced to a level useful information. where the recovery calculation dose not provide useful information
J =	Estimated result. Samples run outside of 8-hour holding time.

Table 4
Dioxin/Furans
First Quarter 2007
Former Weber Aircraft Facility
Burbank, California

Well ID	Sample Date	2,3,7,8-TCDD		2,3,7,8-TCDF		1,2,3,7,8-PeCDD		1,2,3,7,8-PeCDF		2,3,4,7,8-PeCDF		1,2,3,4,7,8-HxCDD		1,2,3,6,7,8-HxCDD		1,2,3,7,8,9-HxCDD		1,2,3,4,7,8-HxCDF		1,2,3,6,7,8-HxCDF		1,2,3,7,8,9-HxCDF		2,3,4,6,7,8-HxCDF		1,2,3,4,6,7,8-HpCDD		1,2,3,4,6,7,8-HpCDF		HPCDF1234789		OCDD		OCDF		TOTAL TCDD		TOTAL TCDF		TOTAL PeCDD		TOTAL PeCDF		TOTAL HxCDD		TOTAL HxCDF		TOTAL HpCDD		TOTAL HpCDF		Total 2,3,7,8-TCDD Equivalent
SW-3	17-Jan-07	1.02	U	1.03	U	2.23	U	2.23	U	2.12	U	2.29	U	3.02	U	3.19	U	0.825	U	0.742	U	0.881	U	0.872	U	2.24	U	1.49	U	1.89	U	4.41	U	4.08	U	1.02	U	1.03	U	2.23	U	2.23	U	3.19	U	0.95	U	2.24	U	1.89	U	0.000
MW-4A	21-Feb-07	1.28	U	1.38	U	1.31	U	2.39	U	2.16	U	2.04	U	2.55	U	2.73	U	1.06	U	0.88	U	1.06	U	0.996	U	2.34	U	1.54	U	2.08	U	5.29	U	4.84	U	1.28	U	1.38	U	1.31	U	2.39	U	2.73	U	1.06	U	2.34	U	2.08	U	0.000
SW-5	17-Jan-07	1.02	U	1.04	U	2.75	U	2.37	U	2.36	U	2.32	U	3.04	U	3.39	U	1.53	U	1.46	U	1.88	U	1.68	U	9.38	J	1.91	U	2.5	U	53.1		4.1	U	1.02	U	1.04	U	2.75	U	2.44	U	3.39	U	1.9	U	19.4	J	2.5	U	0.147
MW-6	20-Feb-07	1.5.2	U	0.901	U	1.46	U	1.31	U	1.18	U	2.51	U	3.31	U	3.52	U	1.12	U	0.997	U	1.4	U	1.26	U	2.47	U	2.28	U	2.86	U	3.09	U	4.61	U	1.52	U	0.901	U	1.46	U	1.31	U	3.52	U	1.4	U	2.47	U	2.86	U	0.000
MW-7	21-Feb-07	1.55	U	1.18	U	1.26	U	2.12	U	1.96	U	2.36	U	2.97	U	1.45	U	1.24	U	1.12	U	1.45	U	1.34	U	2.78	U	1.44	U	1.89	U	3.11	U	5.12	U	1.55	U	1.18	U	1.26	U	2.12	U	3.21	U	1.45	U	2.78	U	1.89	U	0.000
Rinsate-1	21-Feb-07	1.53	U	0.977	U	1.65	U	2.59	U	2.22	U	3.32	U	4.05	U	4.34	U	0.969	U	0.938	U	1.25	U	1.13	U	2.56	U	1.41	U	1.66	U	4.81	U	5.02	U	1.53	U	0.977	U	1.65	U	2.59	U	4.34	U	1.25	U	2.56	U	1.66	U	0.000

California MCL for TCCD Equivalent	**30 pg/L**

All sample results in picograms per gram (pg/L)

bgs - below ground surface

Total 2,3,7,8-TCDD equivalent calculated by multiplying the toxicity equivalency factor by the detected concentration.

Toxicity Equivalency Factors represent the WHO/98 values from Table 9-2 of USEPA's December 2003
NAS Review Draft Exposure and Human Health Reassessment of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD)
and Related Compounds (NCEA-I-0836).

Qualifiers:

U = Result below detection limit

J = Analyte concentration is below calibration range

TABLE 5
SUMMARY OF VOLATILE ORGANIC COMPOUNDS
First Quarter 2007
Former Weber Aircraft Facility
Burbank, California

Well ID	Date Sampled	PCE	TCE	1,1,1-TCA	1,1,2-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	1,1,2-TCFE	1,2,3-TCP¤	VC	Chloroform	MC	Chlorobenzene	DBCM	BDCM	Benzene	Toluene	Ethylbenzene	Xylenes(total)	Acetone
Analytical Reporting Units		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
California MCL (µg/L)		5	5	200	5	5	0.5	6	6	10	0.0012	0.0056**	0.5	0.17**	4.3**	110**	0.13**	0.18**	1.0	150	300	1750	5,500**
SW-1	21-Dec-04	<5	<5	<5	NA	NA	NA	<5	<5	NA	NA	NA	NA	2.1 J	NA	NA	NA	NA	NA	<5.0	NA	NA	NA
	12-Jan-06	<0.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.057	<1.0	**2.2**	<1.0	<1.0	<1.0	U	<1.0	<1.0	<1.0	<1.0	<10
	26-Apr-06	<1.0	0.74 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	**1.9**	<1.0	<1.0	<1.0	**0.33 J**	0.48 J	2.3	0.33 J	2.3	<10
	18-Jul-06	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<0.005	<1.1	**2.2**	<5.0	<1.0	<1.0	<1.0	<0.50	<1.0	<1.0	<1.0	NA
	17-Oct-06	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	<1.0	<1.0	<1.0	NA	<0.005	<0.50	**1.6**	<5.0	<1.0	<1.0	<1.0	<0.50	<1.0	<1.0	<1.0	<10
	17-Jan-07	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<0.5*	*<1.0*	*<1.0*	*<1.0*	*NA*	<0.005	*<0.50*	***1.9***	*<5.0*	*<1.0*	*<1.0*	*<1.0*	*<0.50*	*<1.0*	*<1.0*	*<1.0*	*<10*
SW-2	20-Dec-04	<5	2.1 J	<5	NA	NA	NA	<5	<5	NA	NA	NA	NA	<0.5	NA	NA	NA	NA	NA	<5.0	NA	NA	NA
	12-Jan-06	0.92 J	**9.0**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NR	<1.0	U	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	26-Apr-06	2.0	**14**	<1.0	<1.0	<1.0	<1.0	0.74 J	<1.0	<1.0	<1.0	NA	<1.0	**0.65 J**	<1.0	<1.0	<1.0	<1.0	**2.3**	13	2.0	14	<10
	19-Jul-06	2.1	**13**	<1.0	<1.0	<1.0	<0.50	<1.0	<1.0	<1.0	NA	<0.005	<0.50	<1.0	<5.0	<1.0	<1.0	<1.0	<0.50	<1.0	<1.0	<1.0	NA
	17-Oct-06	<1.0	**6.6**	<1.0	<1.0	<1.0	<0.50	<1.0	<1.0	<1.0	NA	<0.005	<0.50	<1.0	<5.0	<1.0	<1.0	<1.0	<0.50	<1.0	<1.0	<1.0	<10
	17-Jan-07	*<1.0*	***5.0***	*<1.0*	*<1.0*	*<1.0*	*<0.50*	*<1.0*	*<1.0*	*<1.0*	*NA*	*<0.005*	*<0.50*	*<1.0*	*<5.0*	*<1.0*	*<1.0*	*<1.0*	*<0.50*	*<1.0*	*<1.0*	*<1.0*	*<10*
SW-3	21-Dec-04	**18**	**6**	1.1 J	NA	NA	NA	3.5 J	<5	NA	NA	NA	NA	<0.5	NA	NA	NA	NA	NA	2.1 J	NA	NA	NA
	13-Jan-06	**280**	**91**	12	<3.6	1.9 J	<3.6	**83**	<3.6	<3.6	**4.0**	NR	<3.6	**3.3 J**	<3.6	<3.6	<3.6	<3.6	<3.6	<10	<3.6	<3.6	<36
	26-Apr-06	**250**	**82**	10	<4.0	1.7 J	<4.0	**58**	<4.0	<4.0	**2.5 J**	NA	<4.0	**2.2 J**	<4.0	<4.0	<4.0	<4.0	**3.2 J**	18	3.8 J	24	<40
	18-Jul-06	**270**	**120**	9.9	<5.0	<5.0	<2.5	**50**	<5.0	<5.0	NA	<0.005	<2.5	<5.0	<25	<5.0	<5.0	<5.0	<2.5	<5.0	<5.0	<5.0	NA
	17-Oct-06	**210**	**130**	7.8	<5.0	<5.0	<2.5	**48**	<5.0	<5.0	NA	<0.005	<2.5	<5.0	<25	<5.0	<5.0	<5.0	<2.5	<5.0	<5.0	<5.0	<50
	17-Jan-07	***160***	***120***	*5.9*	*<1.0*	*1.4*	***1.0***	***28***	*<1.0*	*<1.0*	*NA*	*<0.005*	*<0.5*	*2.1*	*<5.0*	*<1.0*	*<1.0*	*<1.0*	*<0.5*	*<1.0*	*<1.0*	*<1.0*	*<10*
SW-4[1]	21-Dec-04	**804**	**1,200**	12	NA	NA		**81**	6.3	NA	NA	NA	NA	**4.6 J**	NA	NA	NA	NA	NA	51	NA	NA	NA
	13-Jan-06	**43**	**1,600**	<25	<25	<25	<25	**29**	8.3 J	<25	<25	NR	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<250
	27-Apr-06	**1,200**	**1,300**	13 J	<17	<17	<17	**94**	<17	<17	<17	**0.036**	<17	<17	<17	<17	<17	<17	<17	10 J	<17	<17	<170
	19-Jul-06	**740**	**790**	<10	<10	<10	<5.0	**62**	<10	<10	NA	**0.025**	<5.0	<10	<50	<10	<10	<10	<5.0	<10	<10	<10	NA
	18-Oct-06	**1,400**	**1,400**	15	<1.0	1.7	**4.8**	**140**	**6.7**	<1.0	NA	**0.032**	<0.50	**5.8**	<5.0	<1.0	<1.0	<1.0	<0.50	<1.0	<1.0	<1.0	<10
MW-4A[1]	21-Feb-07	***10***	***1,300***	*<1.0*	*<1.0*	***6.8***	*<0.5*	***46***	***16***	*<1.0*	*NA*	*<0.005*	*<0.5*	***7***	*<5.0*	*<1.0*	*<1.0*	*<1.0*	*<0.5*	*<1.0*	*<1.0*	*<1.0*	*<10 L*
SW-5	20-Dec-04	**227**	**42**	2.2 J	NA	NA	NA	**14**	<5	NA	NA	NA	NA	**1.5 J**	NA	NA	NA	NA	NA	<5.0	NA	NA	NA
	13-Jan-06	**250**	**46**	4.2	<2.9	0.99 J	<2.9	**14**	<2.9	<2.9	<2.9	NR	<2.9	**1.7 J**	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<29
	27-Apr-06	**190**	**44**	3.0	<2.5	<2.5	<2.5	**15**	<2.5	<2.5	<2.5	<0.005	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	**4.5**	20	2.5	16	<25
	19-Jul-06	**45**	**16**	<1.0	<1.0	<1.0	<5.0	2.9	<1.0	<1.0	NA	<0.005	<0.50	<1.0	<5.0	<1.0	<1.0	<1.0	<0.50	<1.0	<1.0	<1.0	NA
	18-Oct-06	**190**	**55**	4.9	3.0	1.6	**3.6**	**26**	<1.0	<1.0	NA	<0.005	<0.50	**1.4**	<5.0	<1.0	<1.0	<1.0	<0.50	<1.0	<1.0	<1.0	<10
	17-Jan-07	***110***	***47***	*2.4*	*<1.0*	*<1.0*	*<0.5*	*2.9*	*<1.0*	*<1.0*	*NA*	*<0.005*	*<0.5*	*1.2*	*<5.0*	*<1.0*	*<1.0*	*<1.0*	*<0.50*	*<1.0*	*<1.0*	*<1.0*	*<10*
MW-6[2]	20-Feb-07	*1.4*	***570***	*<1.0*	*<1.0*	*1.3*	*<0.5*	***21***	*2.7*	*<1.0*	*NA*	*<0.005*	*<0.5*	*1.7*	*<5.0*	*<1.0*	*<1.0*	*<1.0*	*<0.5*	*<1.0*	*<1.0*	*<1.0*	*<10*
MW-7[3]	21-Feb-07	***20***	***15***	*<1.0*	*<1.0*	*<1.0*	*<0.5*	*4.8*	*<1.0*	*<1.0*	*NA*	*<0.005*	*<0.5*	***2.4***	*<5.0*	*<1.0*	*<1.0*	*<1.0*	*<50.*	*<1.0*	*<1.0*	*<1.0*	*<10 L*

Chemical abbreviations:

PCE =	Tetrachloroethene.
TCE =	Trichloroethene.
1,1,1-TCA =	1,1,1-trichoroethane.
1,1,2-TCA =	1,1,2- trichoroethane.
1,1-DCA =	1,1-Dichlorethane.
1,2-DCA =	1,2 Dichloroethane.
1,1-DCE =	1,1-Dichloroethene.
cis-1,2-DCE =	Cis-1,2-Dichloroethene.
Trans-1,2-DCE =	Trans-1,2-Dichloroethene.
1,1,2-TCFE =	1,1,2-Trichlorotrifluoroethane.
1,2,3-TCP =	1,2,3-Trichloropropane
VC =	Vinyl Chloride.
MC =	Methylene Chloride.
DBCM =	Dibromochloromethane.
BDCM =	Bromodichloromethane.

Notes:

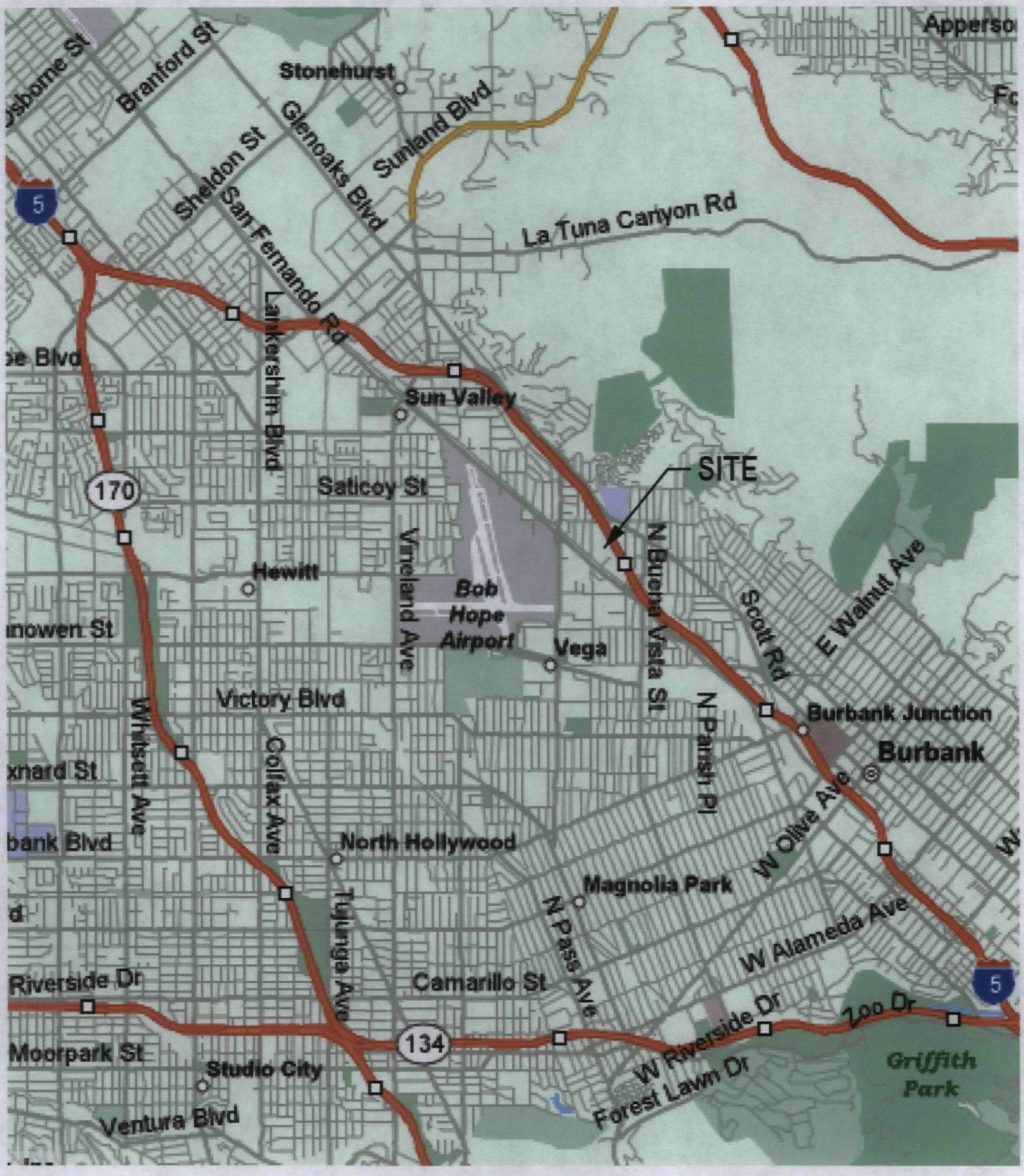
Results in excess of MCL are in bold. Analyses for the current quarter are italicized.

MCL =	Maximum Contaminant Level
<# =	Not detected at reporting limit.
> =	Analyte exceeded quantitation limit.
NA =	Not analyzed.
NR =	Sample was collected as planned. Due to laboratory error, there are no 1,2,3-TCP results available for SW-2 through SW-5.
¤ =	1,2,3-Trichlorpropane analyzed by EPA Method 524 SIM
* =	The results of the initial analysis for this sample was greater than the linear calibration range for the analyte and one or more analysis were performed using greater dilutions.
** =	California Region 9 PRG (October 2004) for tap water.
1 =	MW-4A installed January 7, 2007. SW-4 Decommisioned January 2007.
2 =	MW-6 installed December 2007.
3 =	MW-7 installed December 2007.

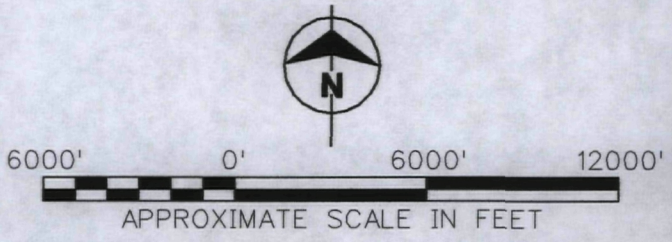
Laboratroy Qualifiers:

U =	False positive and qualified as undetected due to blank contamir
J =	Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL).
B =	Analyte detected in Method Blank.
R =	The RPD exceeded the method control limit due to sample matrix effects. the individual analyte QA/QC recoveries, however, were within acceptance limits.

FIGURES



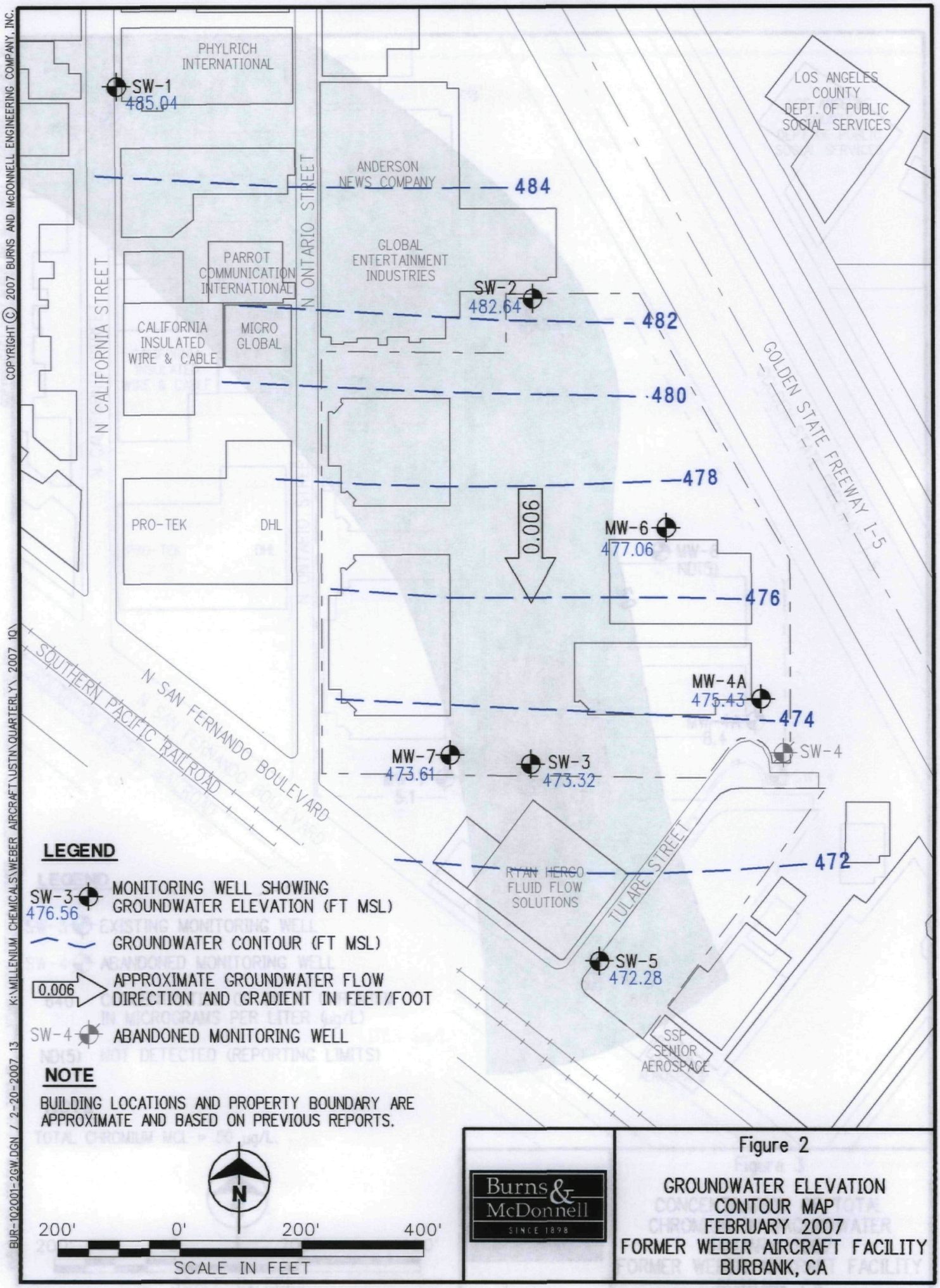
SOURCE: MAPQUEST, INC.



Burns & McDonnell
SINCE 1898

Figure 1

SITE LOCATION MAP
FORMER WEBER
AIRCRAFT FACILITY
BURBANK, CA



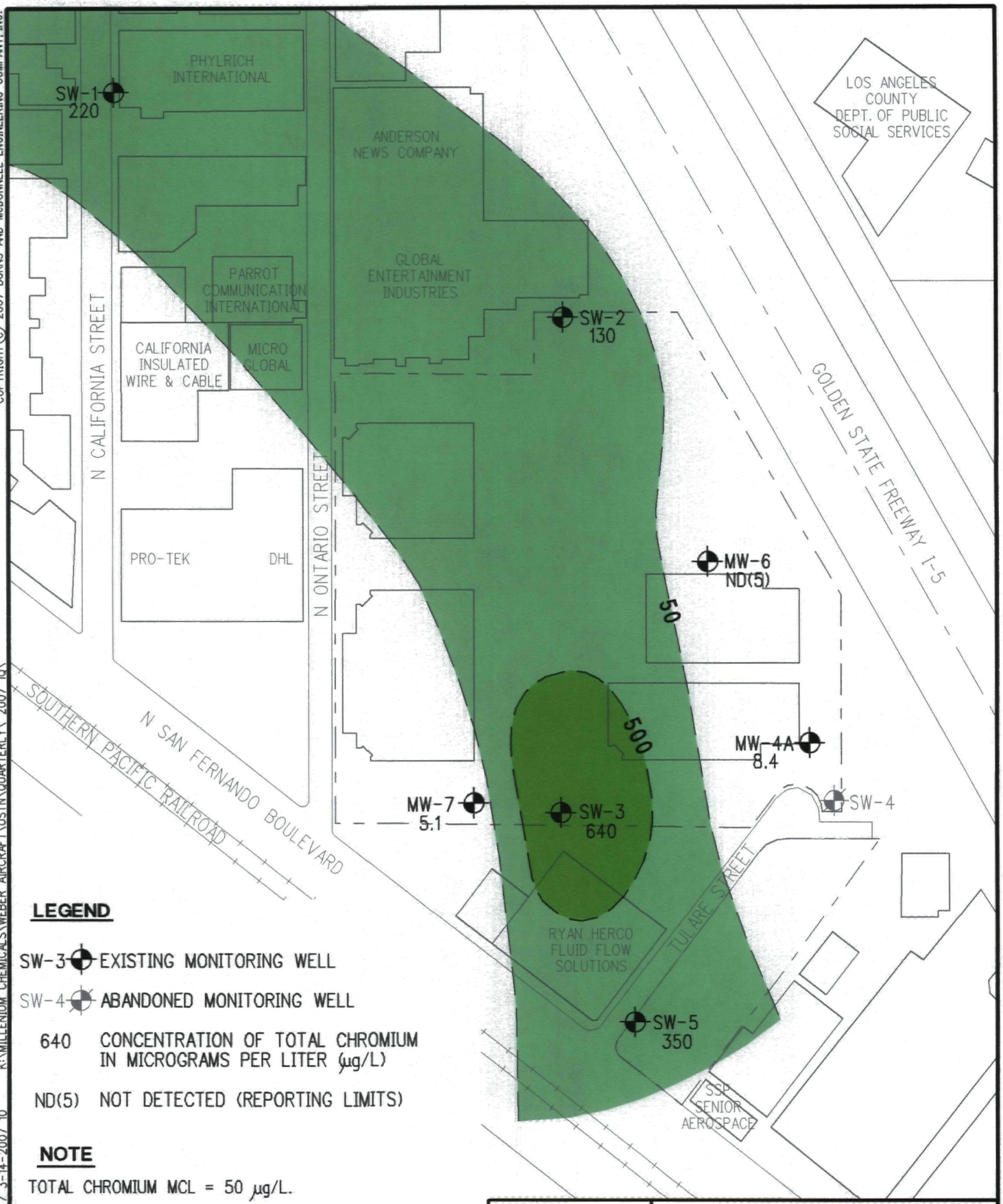
K:\MILLENIUM CHEMICALS\WEBER AIRCRAFT\USTN\QUARTERLY\ 2007 1Q\

BUR-102001-2GW.DGN / 2-20-2007 13

Burns & McDonnell SINCE 1898

Figure 2

GROUNDWATER ELEVATION CONTOUR MAP
FEBRUARY 2007
FORMER WEBER AIRCRAFT FACILITY
BURBANK, CA



LEGEND

SW-3 ⊕ EXISTING MONITORING WELL

SW-4 ⊕ ABANDONED MONITORING WELL

640 CONCENTRATION OF TOTAL CHROMIUM IN MICROGRAMS PER LITER (µg/L)

ND(5) NOT DETECTED (REPORTING LIMITS)

NOTE

TOTAL CHROMIUM MCL = 50 µg/L.

N

200' 0' 200' 400'

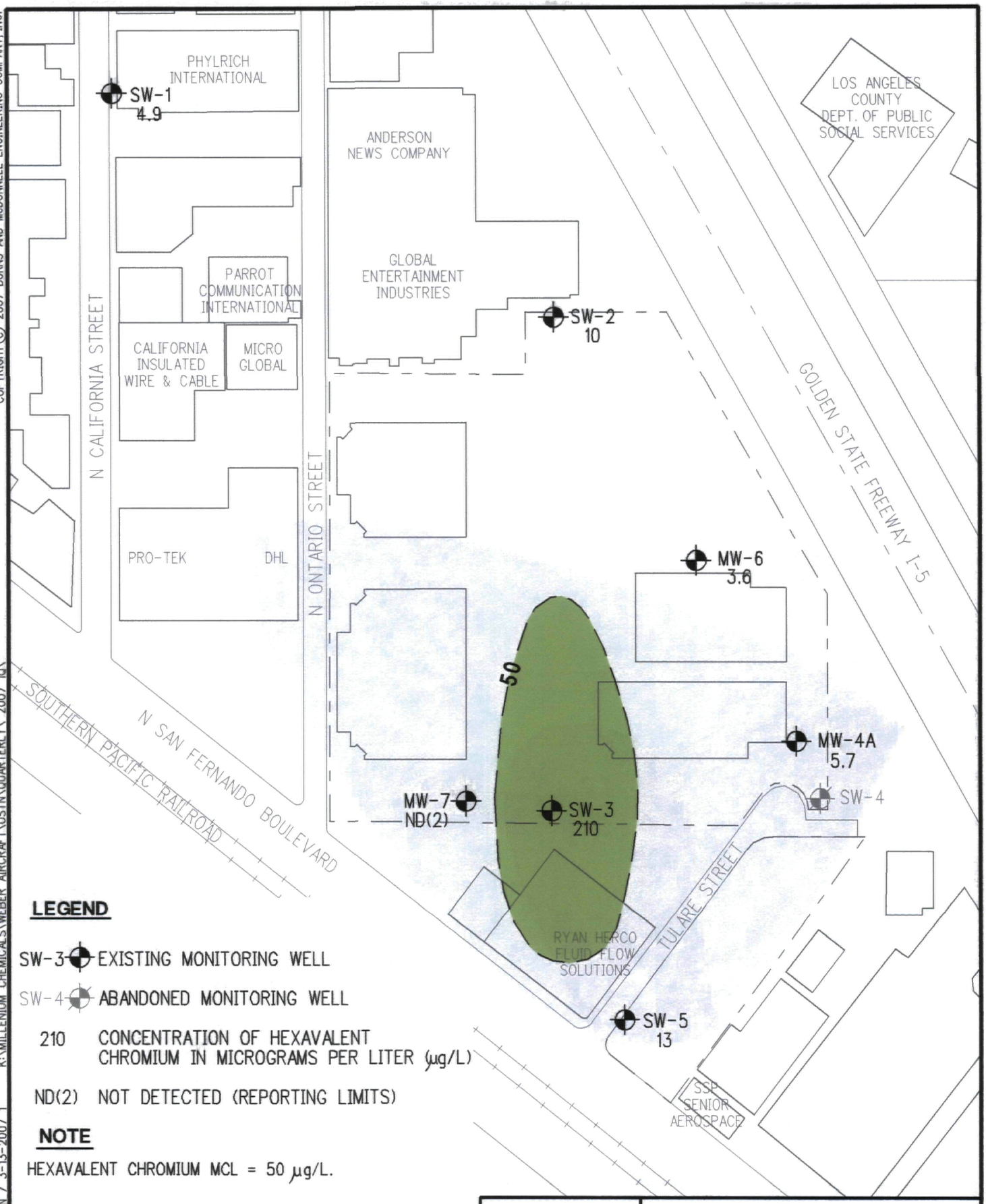
SCALE IN FEET

Burns & McDonnell SINCE 1898

Figure 3

CONCENTRATION OF TOTAL CHROMIUM IN GROUNDWATER JANUARY 2007 FORMER WEBER AIRCRAFT FACILITY BURBANK, CA

BUR-102007-3CR.DGN / 3-14-2007 10 K:\MILLENIUM CHEMICALS\WEBER AIRCRAFT\USTN\QUARTERLY\ 2007 1Q\



LEGEND

SW-3 ⊕ EXISTING MONITORING WELL

SW-4 ⊕ ABANDONED MONITORING WELL

210 CONCENTRATION OF HEXAVALENT CHROMIUM IN MICROGRAMS PER LITER (µg/L)

ND(2) NOT DETECTED (REPORTING LIMITS)

NOTE

HEXAVALENT CHROMIUM MCL = 50 µg/L.

N

200' 0' 200' 400'

SCALE IN FEET

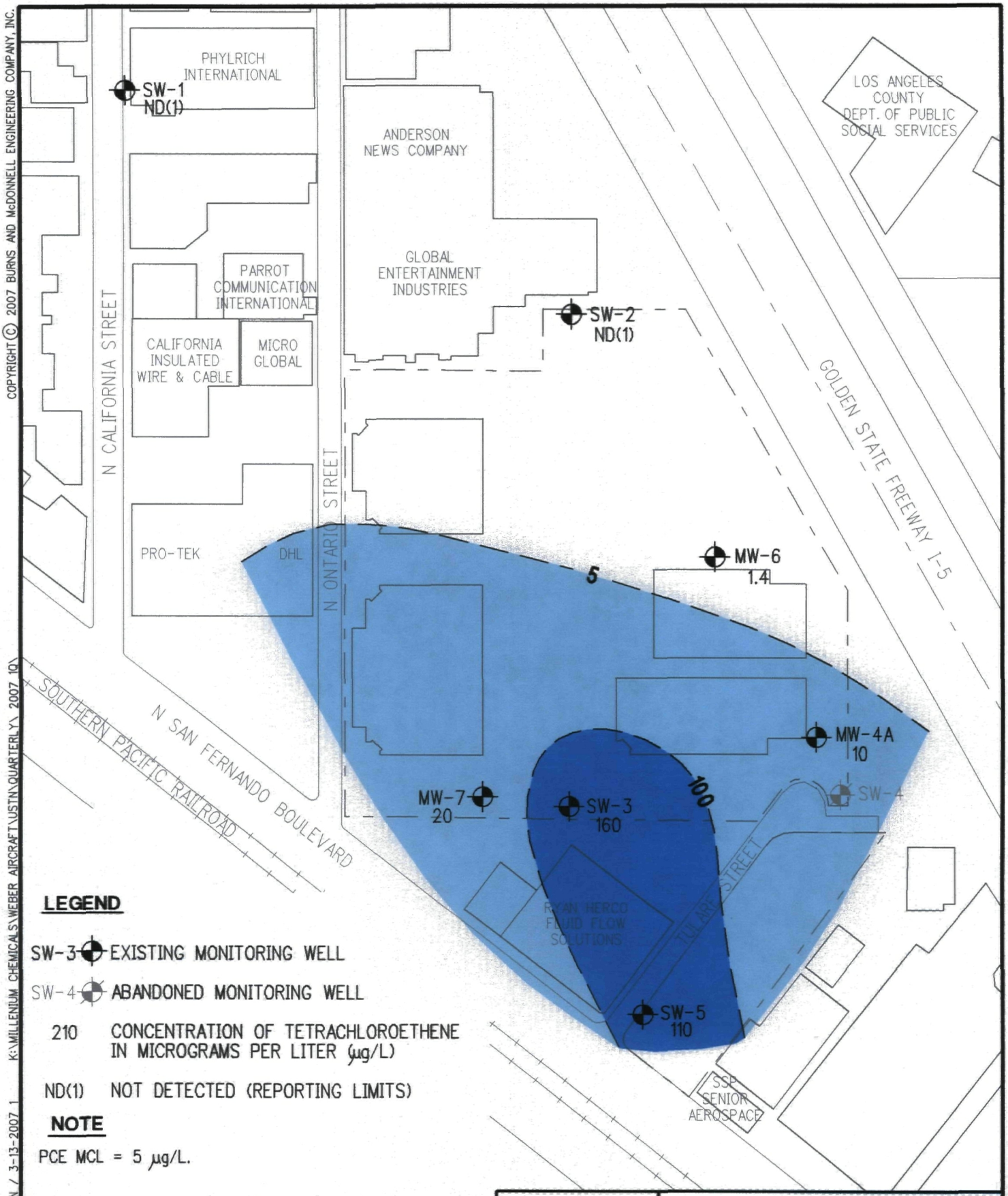
Burns & McDonnell SINCE 1898

Figure 4

CONCENTRATION OF HEXAVALENT CHROMIUM IN GROUNDWATER
JANUARY 2007
FORMER WEBER AIRCRAFT FACILITY
BURBANK, CA

K:\MILLENIUM CHEMICALS\WEBER AIRCRAFT\USTIN\QUARTERLY\ 2007 1Q\

BUR-102007-4QR6.DGN / 3-13-2007 1



LEGEND

SW-3 ⊕ EXISTING MONITORING WELL

SW-4 ⊕ ABANDONED MONITORING WELL

210 CONCENTRATION OF TETRACHLOROETHENE IN MICROGRAMS PER LITER (µg/L)

ND(1) NOT DETECTED (REPORTING LIMITS)

NOTE

PCE MCL = 5 µg/L.

N

200' 0' 200' 400'

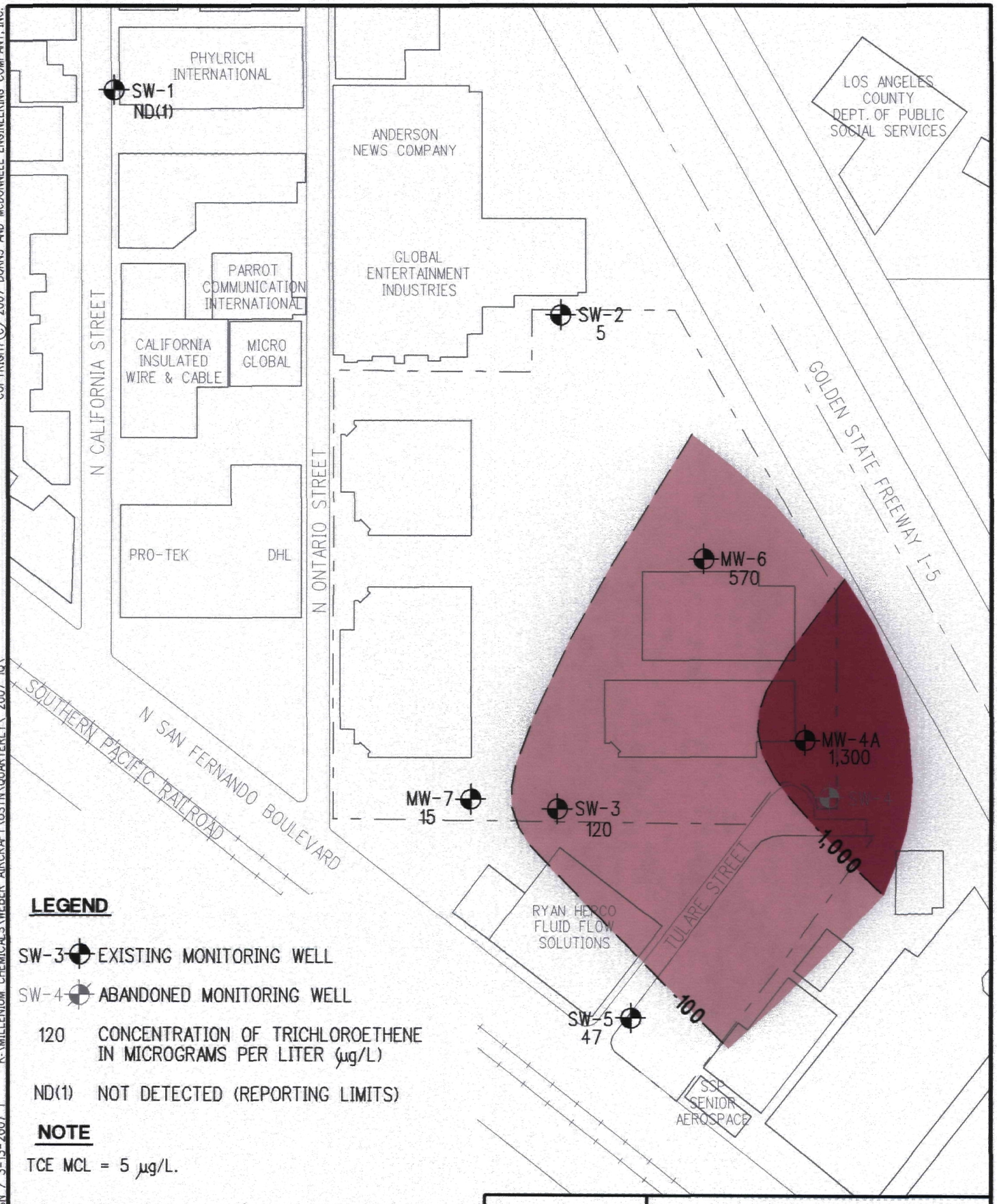
SCALE IN FEET

Burns & McDonnell SINCE 1898

Figure 5

CONCENTRATION OF PCE IN GROUNDWATER JANUARY 2007 FORMER WEBER AIRCRAFT FACILITY BURBANK, CA

BUR-102007-5PCE.DGN / 3-13-2007 1 K:\MILLENIUM CHEMICALS\WEBER AIRCRAFT\USTN\QUARTERLY\ 2007 1Q\



LEGEND

SW-3 ⊕ EXISTING MONITORING WELL

SW-4 ⊕ ABANDONED MONITORING WELL

120 CONCENTRATION OF TRICHLOROETHENE IN MICROGRAMS PER LITER (µg/L)

ND(1) NOT DETECTED (REPORTING LIMITS)

NOTE

TCE MCL = 5 µg/L.

N

200' 0' 200' 400'

SCALE IN FEET

Burns & McDonnell SINCE 1898

Figure 6

CONCENTRATION OF TCE IN GROUNDWATER JANUARY 2007 FORMER WEBER AIRCRAFT FACILITY BURBANK, CA

K:\MILLENIUM CHEMICALS\WEBER AIRCRAFT\UST\QUARTERLY\ 2007 1Q\
BUR-1Q2007-5PCE.DGN / 3-13-2007 1

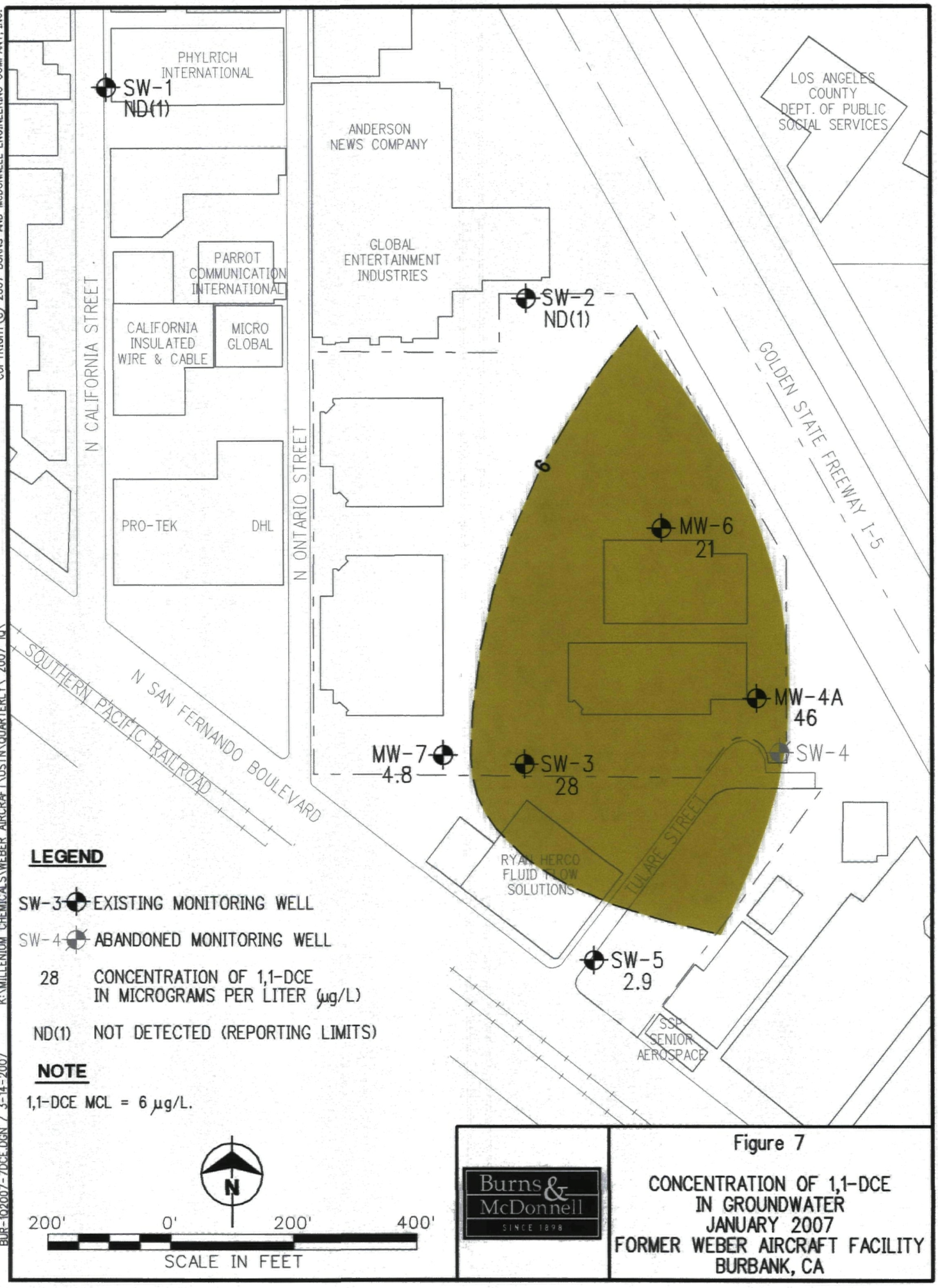
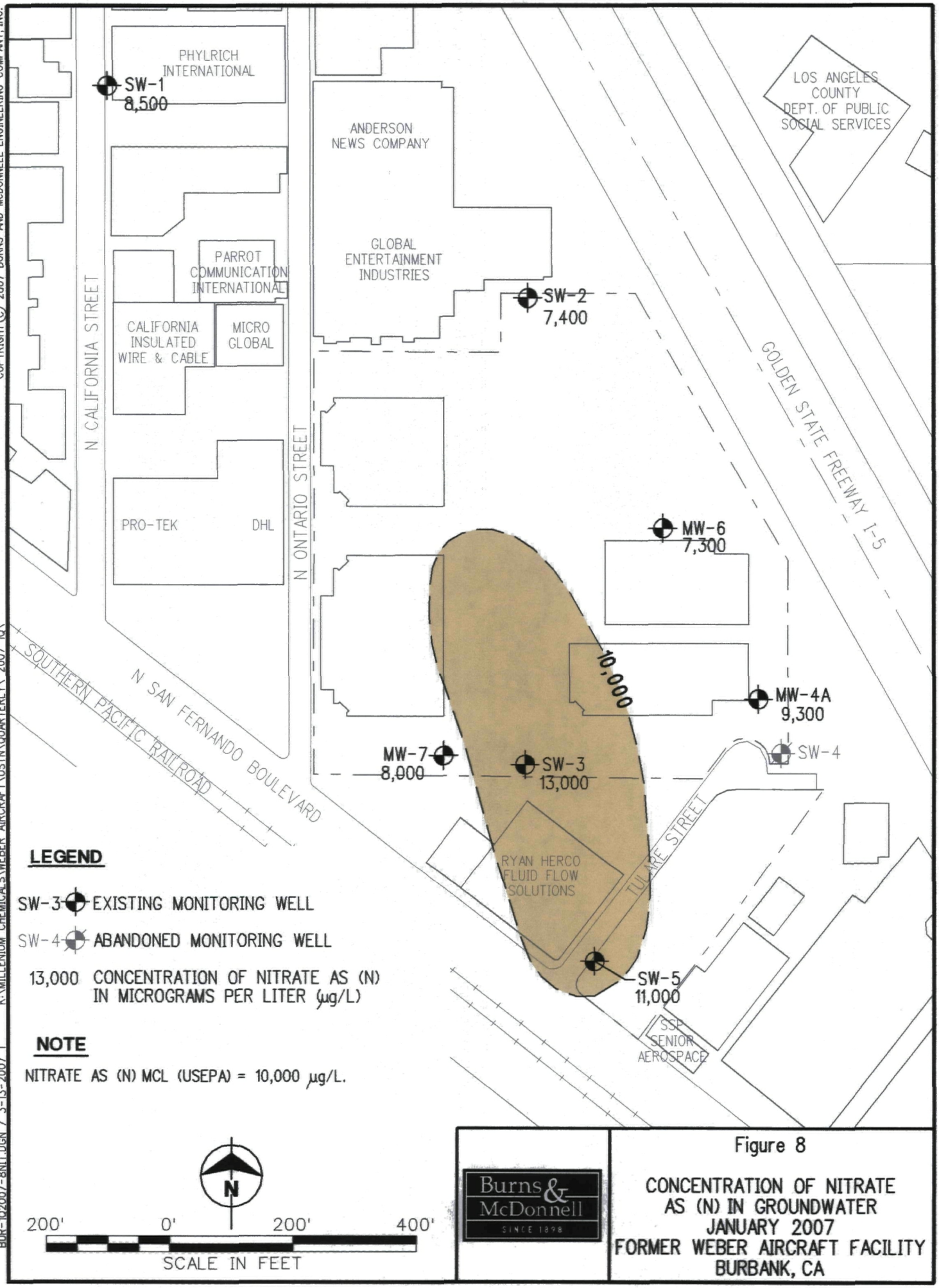


Figure 7

CONCENTRATION OF 1,1-DCE
IN GROUNDWATER
JANUARY 2007
FORMER WEBER AIRCRAFT FACILITY
BURBANK, CA

Burns & McDonnell
SINCE 1898

K:\MILLENIUM CHEMICALS\WEBER AIRCRAFT\USTN\QUARTERLY\ 2007 1Q\
BUR-102007-7DCE.DGN / 3-14-2007



K:\MILLENIUM CHEMICALS\WEBER AIRCRAFT\USTN\QUARTERLY\ 2007 1Q\

BUR-102007-8NIT.DGN / 3-13-2007 1

Burns & McDonnell SINCE 1898

Figure 8

CONCENTRATION OF NITRATE AS (N) IN GROUNDWATER JANUARY 2007 FORMER WEBER AIRCRAFT FACILITY BURBANK, CA

APPENDIX A

GROUNDWATER SAMPLING FORMS
WELL DEVELOPMENT FORMS

Former Weber Aircraft Facility
Field Data Sheet*
Groundwater Monitoring
1st Quarter 2007

Date: 2-20-07
Field Sampler: Blain Tech Dan + Justin
* An individual Groundwater Sampling form needs to be completed for each well monitored

Well ID	Previous Qtr DTW: 4th 2006	Depth to Groundwater ft below top of casing (BTOC) Time	1st Reading	2nd Reading	Total Depth (ft BTOC)	Casing Diameter (inches)	Notes
SW-01	227.35	0835	226.76	226.76	263.10	6	
SW-02	221.42	0845	219.50	219.50	249.29	6	broken lock on j-plug, still locks through
SW-03	228.15	0910	224.37	224.37	258.85	6	
MW-4A	223.80	0925	218.49	218.49	269.28	2	
SW-05	224.52	0930	220.37	220.37	259.22	6	
MW-6		0855	222.03	222.03	261.09	2	
MW-7		0905	224.78	224.78	269.40	2	

Well Construction Details

Well ID	Screened Interval (ft. bgs)	Blank Casing Interval	Top of Casing Elevation (ft.msl)	Ground Surface Elevation (ft.msl)
SW-01	207-262	237-242	711.8	712.66
SW-02	190-245	220-225	702.14	702.4
SW-03	200-255	230-235	697.69	698.32
MW-4A	210-270	210-GS		
SW-05	196-258	228-229	692.65	693.03
MW-6	200-260	200-GS		
MW-7	212-272	212-GS		

GROUNDWATER SAMPLING FORM

1st Quarter 2007

Well Id. SW-1

Project # 40641

Well Type: (Monitor) Extraction Other: MONITOR

SW-1

Recorded By:

Site Name:

Former Weber Aircraft Facility

Purge Method
Bailer Type:

Pumping Method: 3" grunfos

Other Type: _____

Purge Volume
Casing Diameter (D in inches): 5

Total Depth of Casing (TD in feet BTOC): 262.6

Water Level Depth (WL in feet BTOC): 226.86

Measured on: 01-17-07

Sample Date: 01-17-07

Sample Time: _____

Sample Method: Disposable Bailer

Purge Volume Calculation:

(262) - (226) X (5")² X (3) X 0.0408 = 160

TD (feet) WL (feet) D (inches) # Vols Purge Volume (gallons)

Gallons Generated: _____

Start Time: _____ Stop Time: _____

Field Parameter Measurements

Time	Volume (gallons)	Purge Rate (g/min)	Temp(C°)	pH	Conductivity (mS/cm)	DO (mg/L)	Turbidity	Remarks/Comments
0726	10	4	19.8	6.59	0.773	5.87	45	cl. BRN
0733	50	4	20.5	6.17	0.755	6.12	55	cl. BRN
0744	80	4	20.9	6.12	0.757	6.09	72	
0755	130	4	21.2	6.12	0.757	5.99	54	
0808	160	4	20.6	6.10	0.756	6.04	15	CLEAR.

Sampling Information	Pre-Field Check		Bottles and Test Methods					
Sample Point	Bottles ordered	Bottles received	(#) and (type) of Containers		Preservatives	Analysis/Comments	Holding Times	Notes
SW-1			3	40-ml VOA	HCL	VOCs (8260)	14 days	
			2	1-liter amber glass		1,4-Dioxane (8270 SIM)	7 days	
			1	500-ml poly bottle	0.15g	Tot 22/Dis 17 Metals (6010/7471)	180 days	
			1	500-ml poly bottle		Dissolved Iron & Manganese (6010)	180 days	
			1	500-ml poly bottle		Cations (6010)	180 days	
				125-ml poly bottle*		Hexavalent Chromium (7199)	24 hours	*same bottle as above
				250-ml Plastic		Anions (NO2, NO3, SO4, Cl-) (300.0)	48 hours	
				100-ml poly bottle		Perchlorate (EPA 314.1)	28 days	
			2 (unpres)	500ml amber glass		Dissolved Oxygen (SM 4)	8 hours	
			1	500-ml poly bottle		Sulfide (SM)	7 days	
			5	40-ml VOA		1,2,3-Trichloropropane (524.2)	14 days	
			1	1-liter amber glass		N-Nitrosodimethylamine (NDMA) (EPA 1625M)	7 days	

4-HL Amb
5-mL VOA's
4-500 mL Kit
2-Plastic VOA's

Parsons & McDonnell

GROUNDWATER SAMPLING FORM

1st Quarter 2007

Well Id. SW-2

Project # 40541

Well Type: Monitor Extraction Other: MONITOR

SW-2

Site Name:

Former Weber Aircraft Facility

Recorded By:

Purge Method
Bailer-Type:

Pumping Method: 3" grundfos

Other-Type: _____

Purge Volume Calculation:

Purge Volume
Casing Diameter: (D in inches): 6

Total Depth of Casing (TD in feet BTOC): 245

Water Level Depth (WL in feet BTOC): 220.48

Measured on: 01-17-07

Sample Date: 01-17-07

Sample Time: 0940

Sample Method: Disposable Bails

(245 TD (feet)) - (220 WL (feet)) X (6")² 3 (inches) X (3) # Vols X 0.0408 = 11 Purge Volume (gallons)

Gallons Generated: 11

Start Time _____ Stop Time: _____

Field Parameter Measurements

Time	Volume (gallons)	Purge Rate (g/min)	Temp (C°)	pH	Conductivity (mS/cm)	DO (mg/L)	Turbidity	Remarks/Comments
908	10	4 GPM	19.2	6.34	0.622	6.42	9	CLEAR
918	50	4 GPM	20.5	6.08	0.675	6.21	144	SL. CL. BRN
928	90	4 GPM	22.3	6.06	0.673	5.71	30	CLR
938	110	4 GPM	22.3	6.10	0.669	5.57	19	CLR
		4 GPM						

Sampling Information	Pre-Field Check		Bottles and Test Methods				
Sample Point	Bottles ordered	Bottles received	QT and Type of Containers	Preservatives	Analysis/Comments	Holding limits	Notes
SW-2			40-ml VOA	HCL	VOC's (8260)	(14 days)	
			1-liter amber glass		[illegible] (8270 SIM)	(7 days)	
			500-ml poly bottle		Title 22/Cam 17 Metals (6010/7470)	(6 months)	
			500-ml poly bottle		Dissolved Iron & Manganese (6010)	(6 months)	
			500-ml poly bottle		Cations (6010)	(6 months)	
			125-ml poly bottle		Hexavalent Chromium (7196)	24 hours	Analyze First in Field or Lab
			250-ml Plastic		Anions (NO3, NO2, SO4, Cl) (300.0)	48 hours	
			125-ml poly bottle		Perchlorate (EPA 314.1)	(28 days)	
			500-ml amber glass		Dissolved Oxygen (SM 4.1)	8 hours	
			500-ml poly bottle		Sulfide (9030)	(7 days)	
			40-ml VOA		1,2,3-Trichloropropane (8260)	(14 days)	
			1-liter amber glass		N-Nitrosodimethylamine (NDMA) (EPA 1625M)	(7 days)	

GROUNDWATER SAMPLING FORM

1st Quarter 2007

Well Id. SW-5

Project # 40841

Well Type: Monitor Extraction Other: MONITOR

SW-5

Site Name:

Former Weber Aircraft Facility

Recorded By:

Purge Method
Bailer-Type

Purge Volume
Casing Diameter (D in inches): 8

Sample Date: 01-17-07

Pumping Method: 3" grundfos

Total Depth of Casing (TD in feet BTOC): 260

Other-Type: _____

Water Level Depth (WL in feet BTOC): 222.15

Sample Time: _____

Measured on: _____

Purge Volume Calculation:

Sample Method: Disposable Bailer

(260)-(222) X (8")² X (3) X 0.0408 = 167

TD (feet) WL (feet) D (inches) # Vols Purge Volume (gallons)

Gallons Generated: _____

Start Time: _____ Stop Time: _____

Field Parameter Measurements

Time	Volume (gal/min)	Purge Rate (gal/min)	Temp (Deg F)	pH	Conductivity (mS/cm)	DO (mg/L)	Turbidity	Remarks/Comments
1025	10		19.0	5.99	0.798	7.46	17	clear
1036	50		19.5	5.89	0.742	7.46	11	clear
1045	90		20.3	5.97	0.741	6.33	21	
1055	130		20.5	5.96	0.747	6.31	6	
1105	170		20.6	5.88	0.742	6.36	6	clear.

Sampling Information	Pre-Field Check		Bottles and Test Methods				
Sample Point	Bottles ordered	Bottles received	(#) and (type) of Containers	Preservatives	Analysis/Comments	Holding Times	Notes
GW-1			40-ml VOA	HCL	VOCs (8260)	14 days	
			1-liter amber glass		1,4 Dioxane (8270 SIM)	7 days	
			500-ml poly bottle		TI + 23/Cam 17 Metals (6010/7471)	6 months	
			500-ml poly bottle		Chromium VI & Manganese (6010)	28 hours	
			500-ml poly bottle		Cobalt (6010)	6 months	
			125-ml poly bottle		Hexavalent Chromium (7196)	24 hours	
			250-ml Plastic		Anions (NO2, NO3, SO4, Cl) (300.0)	48 hours	
			125-ml poly bottle		Perchlorate (EPA 314.1)	28 days	
			500-ml amber glass		Dissolved Oxygen (360.1)	8 hours	
			500-ml poly bottle		Sulfide (376.2)	7 days	
			40-ml VOA		1,2,3-Trichloropropane (524.2)	14 days	
			1-liter amber glass		N-Nitrosodimethylamine (NDMA) (EPA 1625M)	7 days	
			1 - liter amber glass		Nitrosamines (EPA 521)	28 days	

GROUNDWATER SAMPLING FORM

1st Quarter 2007
Well Id. SW-3
Project # 40841
Well Type: Monitor Extraction Other: MONITOR

SW-3

Site Name:
Former Weber Aircraft Facility

Recorded By:

Purge Method
Bailer Type:
Pumping Method: 3" grundfos
Other Type: ____________

Purge Volume
Casing Diameter (D in inches): 6
Total Depth of Casing (TD in feet BTOC): 255
Water Level Depth (WL in feet BTOC): 221.13
Measured on: 01-17-07

Sample Date: 01-17-07
Sample Time: 1300
Sample Method: Disposable Bailer

Purge Volume Calculation:

(255) - (221.13) X (6")² X (3) X 0.0408 = 150
TD (feet) — WL (feet) — D (inches) — # Vols — Purge Volume (gallons)

Gallons Generated: 150

Start Time: ____________ Stop Time: ____________

Field Parameter Measurements

Time	Volume (gallons)	Purge Rate (g/min)	Temp (C°)	pH	Conductivity (mS/cm)	DO (mg/L)	Turbidity	Remarks/Comments
1200	10	4	19.6	6.38	.800	6.50	29	SL. CL. BRN
1210	50	4	20.5	6.28	.797	6.23	67	"
1220	90	4	20.8	6.19	.799	6.09	23	"
1230	130	4	20.4	6.15	.799	6.10	10	clear
1235	150	4	20.4	6.14	.798	6.11	11	"

Sampling Information	Pre-Field Check		Bottles and Test Methods				
Sample Point	Bottles ordered	Bottles received	(#) and (type) of Containers	Preservatives	Analysis/Comments	Holding limits	Notes
SW-3			40-ml VOA	HCL	VOCs (8260)	14 days	
			1-liter amber glass		1-4 Dioxane (8270 SIM)	7 days	
			500 ml poly bottle		Title 22/CAM 17 Metals (6010/7471)	6 months	
			500-ml poly bottle		Dissolved Iron & Manganese (6010)	6 months	
			500-ml poly bottle		Cations (6010)	6 months	
			125-ml poly bottle		Hexavalent Chromium (7199)	24 hours	[illegible]
			250-ml Plastic		Anions (NO3, NO2, SO4, CL) (300.0)	48 hours	
			125-ml poly bottle		Perchlorate (EPA 314.1)	28 days	
			500-ml amber glass		Dissolved Oxygen (360.1)	8 hours	
			500-ml poly bottle		Sulfide (9030)	7 days	
			40-ml VOA		1,2,3-Trichloropropane (504.2)	14 days	
			1-liter amber glass		N-Nitrosodimethylamine (NDMA) (EPA 1625M)	7 days	
			1-liter amber glass		Dioxins/Furans (Method 8290)	30 days	[illegible]

WELL GAUGING DATA

Project # 070220-DK1 Date 2/20/07 Client Burns McDonnell

Site 3000 San Fernando Blvd. Burbank

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-4A	922	2					218.49	269.28		
MW-6	858	2					222.03	261.09		
MW-7	904	2					224.78	269.40		
SW-1	835	6					226.76	263.10		
SW-2	850	6					219.50	249.20		
SW-3	910	6					224.37	258.85		
SW-5	930	6					220.37	259.22		

WELL DEVELOPMENT DATA SHEET

Project #: 070220.DK1	Client: B. & M.
Developer: Dan V. / Justin M.	Date Developed:
Well I.D. MW-4A	Well Diameter: (circle one) (2) 3 4 6
Total Well Depth: 269.28	Depth to Water:
Before After	Before 218.49 After
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF)
(12 x (d^2/4) x π) /231
where
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

Well dia.		VCF
2"	=	0.16
3"	=	0.37
4"	=	0.65
6"	=	1.47
10"	=	4.08
12"	=	6.87

8.1	X	10	=	81.0
1 Case Volume		Specified Volumes		gallons

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☐ Positive Air Displacement

Type of Installed Pump Waterra + Peri Pump
Other equipment used

TIME	TEMP (F)	pH	Cond. (mS or (µS))	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
1138	76.4	7.62	833.1	>1000	0	
1234	74.4	7.41	818.6	>1000	10	
1314	76.3	7.33	803.4	>1000	15	
1348	75.8	7.24	814.6	>1000	20	
1416	74.9	7.28	791.3	>1000	25	
1440	73.2	7.29	778.6	>1000	30	
1505	72.7	7.21	774.3	>1000	35	
1534	72.1	7.27	768.2	350	40	
1606	71.8	7.23	766.5	280	45	
1636	71.6	7.18	762.6	469	50	
1706	71.6	7.12	761.4	132	55	
1736	70.4	7.15	763.2	54	60	
1806	71.1	7.12	761.7	32	65	
Did Well Dewater? NO		If yes, note above.		Gallons Actually Evacuated:		81

WELL DEVELOPMENT DATA SHEET

Well I.D. MW-4A	PAGE 2 OF 2
Project #: 070220-DK1	Client: B&L

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
1834	70.6	7.17	759.4	30	70	
1904	70.7	7.14	757.6	38	75	
	+ Volume of 1" tubing @ 6g					
					81g total	

WELL DEVELOPMENT DATA SHEET

Project #: 070220. PK1	Client: B&M
Developer: Dan K. / Justin M.	Date Developed: 2/20/07
Well I.D. MW-6	Well Diameter: (circle one) (2) 3 4 6
Total Well Depth:	Depth to Water:
Before 261.09 After	Before 222.03 After
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF)	Well dia.		VCF
{12 x (d^2/4) x π} /231	2"	=	0.16
where	3"	=	0.37
12 = in / foot	4"	=	0.65
d = diameter (in.)	6"	=	1.47
π = 3.1416	10"	=	4.08
231 = in 3/gal	12"	=	6.87

6.2	X	10	=	62.0
1 Case Volume		Specified Volumes		gallons

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☒ Electric Submersible
- ☐ Positive Air Displacement

Type of Installed Pump _____

Other equipment used _____

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
1512	67.8	6.96	7.86	>1000	10g	Set pump @ 250'
1514	70.7	7.32	\	>1000	12g	
1520	70.9	7.29	\	>1000	18g	
1524	71.1	7.36	749.5	>1000	22g	
1528	71.2	7.34	736.0	71000	26g	
1531	71.2	7.31	737.0	255	30g	
1534	71.1	7.42	738.0	238	34g	Set pump @ 257.5'
1537	71.1	7.46	740.0	194	38g	
1540	71.2	7.38	741.3	144	42g	
1543	71.1	7.42	741.6	134	46g	
1546	71.1	7.41	741.4	88	50g	
1549	71.1	7.41	741.8	125	54g	
1552	71.1	7.40	742.1	59	58g	
Did Well Dewater? NO		If yes, note above.		Gallons Actually Evacuated:		86

1/1

WELL DEVELOPMENT DATA SHEET

Well I.D. ~~070220-DW1~~ MW-6	PAGE 2 OF 2
Project #: 070220-DW1	Client: B&M

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
1555	71.1	7.47	740.6	44	62g	
1558	71.0	7.38	740.7	30	66g	
1601	70.9	7.32	739.6	23	70g	
1604	70.9	7.37	737.3	16	74g	
1607	71.1	7.41	737.6	13	78g	
1610	71.0	7.40	737.1	9	82g	
1613	71.0	7.41	736.4	9	86g	

WELL DEVELOPMENT DATA SHEET

Project #: 070220 · PK1	Client: B&M
Developer: Dan K. / Justin M.	Date Developed: 2/21/07
Well I.D. MW-7	Well Diameter: (circle one) (2) 3 4 6
Total Well Depth:	Depth to Water:
Before 269.40 After	Before 224.78 After
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF)
(12 x (d^2/4) x π) /231
where
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

Well dia.		VCF
2"	=	0.16
3"	=	0.37
4"	=	0.65
6"	=	1.47
10"	=	4.08
12"	=	6.87

7.1	X	10	=	71.0
1 Case Volume		Specified Volumes		gallons

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☒ Electric Submersible
- ☐ Positive Air Displacement

Type of Installed Pump _____
Other equipment used _____

TIME	TEMP (F)	pH	Cond. (mS or (µS))	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
841	71.0	7.12	676.4	70	7.5	Pump Set @ 250'
847	71.8	7.16	683.6	48	14.5	
853	72.1	7.24	684.1	33	21.5	
859	72.0	7.31	686.6	22	28.5	
904	72.0	7.41	687.8	12	35.5	
910	71.7	7.46	687.3	39	43.0	Pump Set @ 257'
916	71.9	7.51	686.7	8	50.0	
922	72.2	7.56	687.8	7	57.0	
928	71.7	7.58	688.6	2	64.0	
934	71.6	7.61	688.2	2	71.0	
940	71.8	7.64	688.7	2	78.0	

Did Well Dewater? NO	If yes, note above.	Gallons Actually Evacuated:	78

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME				PROJECT NUMBER			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED:	TEMP.	INITIALS
Myron L Ultrameters	6202110	2/20/07 800	ph 4, 7, 10	4.0, 7.0, 10.0	yes	57.3°F	DK
" "	" "	" "	Cond 3900 µS	3900 µS	yes	58.5°F	DK
Myron L Ultrameter	6202110	2/21/07	ph 4, 7, 10	4.0, 7.0, 10.0	yes	58.1°F	DK
" "	" "	" "	ph 4, 7, 10	4.0, 7.0, 10.0	yes	59.4°F	DK

APPENDIX B

ANALYTICAL REPORTS AND CHAIN OF CUSTODY DOCUMENTATION
Title 22/CAM 17 Metals
VOCs
Dioxins/Furans

UNSCANNABLE MEDIA

To use the unscannable media document # __2240227____
contact the Region IX Superfund Records Center

APPENDIX C

BURNS & MCDONNELL'S QA/QC REVIEW OF ANALYTICAL DATA

Burns & McDonnell
SINCE 1898

Date: March 17, 2007

To: Gary Messerotes

From: Sharon Shelton

Re: QA/QC Review of Analytical Data
First Quarter 2007 Groundwater Sampling Event
Burns & McDonnell Project Number 40641 (Former Weber Aircraft)

Groundwater samples were collected in January and February 2007 from seven monitoring wells associated with the Former Weber Aircraft facility. Samples were analyzed by Test America of Irvine, California (formerly DelMar Analytical) for the following parameters:

Analysis	Method
Groundwater Samples	
Volatile Organic Compounds (VOCs)	SW-846 Method 8260B
1,4-Dioxane	SW-846 Method 8270C with Selective Ion Monitoring (SIM)
N-Nitrosodimethylamine (NDMA)	EPA 1625M
1,2,3-Trichloropropane	EPA 504.1
Title 22 / CAM 17 Metals Arsenic, antimony, barium, beryllium, cadmium, chromium, cobalt, copper, lead, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc Mercury	SW-846 Method 6010B SW-846 Method 7470A
Dissolved Metals Dissolved Iron Dissolved Manganese	SW-846 Method 6010B
Hexavalent Chromium	SW-846 Method 7199
Cations Calcium, magnesium, potassium, and sodium	SW-846 Method 6010B
Anions Chloride, Nitrate, Nitrite, and Sulfate	EPA 300.0
Perchlorate	EPA 314.1
Sulfide	SW-846 Method 9034
Dissolved Oxygen	EPA 360.1
Dioxins and Furans (Wells SW-3, SW-5, MW-4A, MW-6, and MW-7)	DLM02.0

The following data sets were reviewed in support of this investigation:

Data Set	Laboratory	Date Samples Collected	Samples
IQA1645	Test America	01/17/2007	SW-1, SW-2, SW-3, and SW-5
IQB2138	Test America	02/20/2007	MW-6
IQB2280	Test America	02/21/2007	MW-7
IQB2363	Test America	02/21/2007	MW-4A
Only non-dioxin/furan analyses are reviewed as part of this memo. The dioxin/furan analytical data has not been received in its entirety. Once received, a separate data review memo will be provided.			

The quality assurance/quality control (QA/QC) results in association with the samples were evaluated for achievement of any method-specific QA/QC criteria. Data qualifiers, when appropriate, were assigned according to the guidelines presented in *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (NFGO), 1999; *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* (NFGI), 2004; or *USEPA National Functional Guidelines for Chlorinated Dibenzo-p-Dioxins and Chlorinated Dibenzofurans Data Review*, 2005. The QA/QC review results are discussed below. Table 1 presents a summary of data qualifiers that were assigned during the data review.

1. Chain-of-Custody – The chain-of-custody (COC) forms were appropriately signed.

2. Requested Analyses Completed – All samples were analyzed as requested on the COC.

3. Holding Times – Samples for dissolved oxygen analysis were submitted to the lab outside of the 15-minute holding time. The laboratory analyzed these samples within 24-hours of collection. To indicate potential bias in the data, the dissolved oxygen results for all samples were qualified as estimated (J*) as indicated on Table 1.

   All other sample preparation and analyses were performed within the appropriate holding times.

4. Sample Preservation – No problems were noted with sample preservation.

5. Laboratory Method Blanks – Method blanks were reviewed to determine the potential for sample cross contamination due to laboratory handling. With the exceptions noted in the following paragraphs, target compounds were not detected in the method blanks.

   - NDMA was detected in the method blank for QC Batch 7A18113 in data report IQA1645. Since NDMA was not detected in the associated field samples, cross-contamination was not a concern. No data required qualification.

   - Calcium was detected in the method blanks for QC Batches 7B23071 (data report IQB2363) and 7B21160 (data report IQB2138). Since calcium was detected in the associated groundwater samples at concentration in excess of five times the blank value, any impact from sample cross-contamination was minimal. No data required qualification.

   - Trichloroethene was detected in the method blank for QC Batch 7B26028 in data report IQB2138). Trichloroethene was not a target VOC for the sample associated with this blank. Therefore, the potential for sample cross-contamination was not a concern. No data required qualification.

6. Trip Blanks – Trip blanks were submitted with the VOC and 1,2,3-trichloropropane samples. Trip blanks were used to determine the potential for sample cross contamination due to shipping and handling. Target compounds were not detected in the trip blanks, and cross contamination was not an issue.

7. Surrogates – Surrogates are added for organic analyses. Surrogates are compounds not normally found in the environment that are added (spiked) into samples and analyzed for percent recovery (REC). Maximum and minimum limits on the REC are set by the laboratory for the method used. Unless noted in the following paragraph, surrogate RECs were within QC limits.

   - 1,4-Dioxane – The sample collected from monitoring wells SW-5 was diluted by a factor of 250 to bring concentrations of 1,4-dioxane within the calibration range. Diluting the sample resulted in loss of the surrogate spike, and analytical accuracy could not be assessed using the surrogate results. Instead accuracy was assessed by review of the laboratory control sample (LCS) results. Data qualification was not required.

8. Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) – The LCS contains a matrix similar to that of the sample that has been spiked with known concentrations of target analytes. The LCS is prepared and analyzed by the same method as the samples. As a measure of analytical accuracy, the results of the LCS are compared against the known analyte concentrations in the spike to determine REC. The purpose of the LCS is to determine the performance of the laboratory with respect to analyte recovery, independent of field sample matrix interference. The LCSD is a duplicate preparation and analysis of the LCS. Results of the LCS and LCSD are compared to each other to determine analytical precision using the relative percent difference (RPD). Unless noted in the following paragraph, LCS and/or LCSD results were within QC limits.

   The following constituents exhibited elevated LCS RECs in one or more QC batches:

Analysis	QC Batch	Constituent	Data Package
VOC	7A2105	Isopropylbenzene	IQA1645
VOC	7B28006 7B20831 7B24017 7B26007	Acetone	IQB2363 IQB2138 IQB2280
VOC	7B26007	1,1,2,2-Tetrachloroethane	IQB2280

   Elevated RECs indicates potential high bias in the data. Since these constituents were not detected in the associated samples, high bias was not a concern. No data required qualification.

   - NDMA QC Batch 7B22088 (data package IQB2363) – LCSD REC of NDMA was below QC limits and the RPD was elevated, which suggest problems with analytical accuracy and precision. The laboratory performed a corrective action by reanalyzing the LCSD, and all results were within QC limits. The data report indicated that inaccurate spiking of the LCSD likely caused the problem. Since corrective action addressed the issue, no data required qualification.

9. Matrix Spike and Matrix Spike Duplicate (MS/MSD) – MS and MSDs are typically run for organic and inorganic analyses to determine potential matrix effects upon analyte accuracy and precision. A sample is split into three portions (original, MS, and MSD), and a known

amount of a target analyte is added (spiked) to two portions (MS and MSD) of the sample. The results are compared against the unspiked portion of the sample for REC of the spike and potential matrix effects. Additionally, the results are compared against each other using a RPD to determine reproducibility.

The following site-specific MS/MSD analyses were performed:

Site Samples used for MS/MSD Spiking			
Analysis	**Sample Spiked for MS/MSD**	**Data Package**	**QC Batch**
Chromium, hexavalent	SW-5	IQA1645	7A18061
Sulfide	SW-1	IQA1645	7A19099
Mercury	MW-4A	IQB2363	7B23077
Sulfide	MW-6	IQB2138 IQB2363 IQB2280	7B26119
VOC	MW-6	IQB2138	7B26028
Mercury	MW-6	IQB2138	7B21084
Dissolved Iron/Dissolved Manganese	MW-6	IQB2138	7B21139
Dissolved Iron/Dissolved Manganese	MW-7	IQB2280	7B22137

With the exception noted in the following paragraph, no problems were noted with the site-specific MS/MSD analyses.

- VOC QC Batch 7B26028 – Elevated MSD RECs were noted for bromodichloromethane, chloromethane, 1,2-dichloropropane, isopropylbenzene, and toluene. The elevated RECs suggest the potential for high bias due to matrix interference. Since none of these constituents were detected in parent sample MW-6, high bias was not a concern. No data required qualification.

In addition, the laboratory provided MS/MSD results that were performed using samples that were not collected from the Site. Since these samples would not be representative of potential matrix interference caused by site conditions, they were not used in the review of the data.

10. Detection and Quantitation Limits – Table 2 presents the samples that required dilution in order to bring target analyte concentrations within the calibration range of the instrument and/or to account for matrix interference. For multi-constituent analyses (i.e., VOCs), the dilution resulted in elevated reporting limits for undetected compounds.

11. Conclusion – No data were rejected as a result of the QA/QC data review. Table 1 presents a summary of data qualifiers assigned during the QA/QC review. The data should be used, as qualified, in reporting the results of this investigation.

Attachment
Table 1 – Data Qualifiers
Table 2 – Sample Dilution

Table 1
Data Qualifiers
Former Weber Aircraft

Sample Name	Laboratory Number	Analysis	Target Analyte	Qualifier Added	Reason for Qualification
SW-1	IQA1645-01	WQUAL	Dissolved Oxygen	J*	Received and analyzed by lab outside of 15 minute holding time.
SW-2	IQA1645-02	WQUAL	Dissolved Oxygen	J*	Received and analyzed by lab outside of 15 minute holding time.
SW-5	IQA1645-03	WQUAL	Dissolved Oxygen	J*	Received and analyzed by lab outside of 15 minute holding time.
SW-3	IQA1645-04	WQUAL	Dissolved Oxygen	J*	Received and analyzed by lab outside of 15 minute holding time.
MW-4A	IQB2363-01	WQUAL	Dissolved Oxygen	J*	Received and analyzed by lab outside of 15 minute holding time.
MW-6	IQB2138-01	WQUAL	Dissolved Oxygen	J*	Received and analyzed by lab outside of 15 minute holding time.
MW-7	IQB2280-01	WQUAL	Dissolved Oxygen	J*	Received and analyzed by lab outside of 15 minute holding time.

J* = Qualified as estimated during the data review.
WQUAL = Water Quality

Table 2
Sample Dilution
Former Weber Aircraft

Sample Name	Lab	Laboratory Number	Analysis	Parameter	Dilution Factor
SW-1	Test America - Irvine, CA	IQA1645-01	INORG	Chloride, Nitrate-N, and Sulfate	20
SW-2	Test America - Irvine, CA	IQA1645-02	INORG	Chloride, Nitrate-N, and Sulfate	20
SW-3	Test America - Irvine, CA	IQA1645-04	INORG METAL	Chloride, Nitrate-N, and Sulfate Chromium VI	20 20
SW-5	Test America - Irvine, CA	IQA1645-03	SVOC INORG	1,4-Dioxane Chloride, Nitrate-N, Nitrite-N, and Sulfate	250 20
MW-4A	Test America - Irvine, CA	IQB2363-01	INORG	Chloride, Nitrate-N, and Sulfate	10
MW-6	Test America - Irvine, CA	IQB2138-01	INORG VOC	Chloride, Nitrate-N, and Sulfate Trichloroethene	10 5
MW-7	Test America - Irvine, CA	IQB2280-01	INORG	Chloride, Nitrate-N, and Sulfate	5

INORG = Inorganic Constituent
VOC = Volatile Organic Compound
SVOC = Semivolatile Organic Compound


Burns &
McDonnell
SINCE 1898